DDB1 Rabbit mAb

Catalog No: #49708

Package Size: #49708-1 50ul #49708-2 100ul



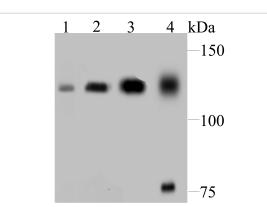
Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Product NameDDB 18 Abbit mAbHost SpeciesRecombinant RabbitCionalityMonocional antibodyCione No.JU32-35PurificationProA affinity purifiedApplicationsWBJCC/F,JHC,JPSpecies ReactivityHu, Ms, RtImmunogen DescriptionRecombinant proteinAmplicationsDamage specific DNA binding protein 1 antibodyDB mage specific DNA binding protein 1 antibodyDDB 1_HUMAN antibodyAnno Species ReactivityDamage specific DNA binding protein 1 antibodyAmmunogen DescriptionRecombinant proteinAmitody DDB p127 suburit antibodyDDB 1_HUMAN antibodyAmage binding protein 1 antibodyDDB 1_HUMAN antibodyAmage DinAb inding protein 1 antibodyUV DBB 1 antibodyAmage DNA binding protein 1 antibodyUV DBB 1 antibodyAmaged DNA binding protein 1 antibodyUV DDB 1 antibodyAmaged DNA binding protein 1 antibodyUV DDB 1 antibodyAmaged DNA binding protein 1 antibodyUV DDB 1 antibodyAmaged DNA binding protein 1 antibodyVP DB 1 antibodyAmaged DNA binding protein 1 antibodyXP 1 antibodyAmaged DNA binding protein 1 antibodyXP 1 antibodyAmaged DNA binding protein 1 antibody <td< th=""><th>Description</th><th></th></td<>	Description	
ClonalityMonoclonal antibodyClone No.JU32-35PurificationProA affinity purifiedApplicationsWB,ICC/IF,IHC,IPSpecies ReactivityHu, Ms, RtImmunogen DescriptionRecombinant proteinOther NamesDamage specific DNA binding protein 1 antibodyDDB1_HUMAN antibodyDDB 1 antibody DDB p127 subunit antibodyDdB p127 subunit antibodyDDB1_HUMAN antibodyDDBa antibodyDNA damage-binding protein 1 antibodyUV damaged DNA binding factor antibodyUV damage-binding protein 1 antibodyUV damaged DNA binding factor antibodyUV damaged DNA binding factor antibodyUV damaged DNA binding frotein 1 antibodyUV DDB1 antibodyUV-damaged DNA-binding factor antibodyVV-DDB1 antibodyX associated protein 1 antibodyXP1 antibodyXP1 antibodyXP1 antibodyXP2 Binding factor antibodyXPE-BF antibodyXPE-BF antibodyXPE-BF antibodyXPE-BF antibodyXPE binding factor antibodyXPE Binding fac	Product Name	DDB1 Rabbit mAb
Clone No.JU32-35PurificationProA affinity purifiedApplicationsWB,ICC/IF,IHC,IPSpecies ReactivityHu, Ms, RtImmunogen DescriptionRecombinant proteinOther NamesDamage specific DNA binding protein 1 antibody DB1_HUMAN antibody DDB antibody DDB 1antibody DDB p127 subunit antibody DNA damage-binding protein 1 antibody DNA damage-binding protein 1 antibody DNA damage-binding protein 1 antibody UV damaged DNA binding factor antibody UV damaged DNA binding factor antibody UV damaged DNA binding factor antibody UV-damaged DNA-binding protein 1 antibody UV DDB1 antibody UV-DDB1 antibody UV-damaged DNA-binding protein 1 antibody UV-DDB1 antibody UV-damaged DNA-binding protein 1 antibody UV-DDB1 antibody UV-damaged DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody UV-DDB1 antibody X associated protein 1 antibody XAP1 antibody XAP1 antibody XAP1 antibody XAP1 antibody XAP1 antibody XAP1 antibody XPE-BF antibody XPE-B	Host Species	Recombinant Rabbit
PurificationProA affinity purifiedApplicationsWB,ICC/IF,IHC,IPSpecies ReactivityHu, Ms, RtImmunogen DescriptionRecombinant proteinOther NamesDamage specific DNA binding protein 1 antibody Damage-specific DNA-binding protein 1 antibody DDB 1 antibody DDB 127 subunit antibody D0b1_HUMAN antibody DDB antibody DNA damage binding protein 1 antibody DNA damage-binding protein 1 antibody UV damaged DNA binding protein 1 antibody UV damaged DNA binding protein 1 antibody UV DDB 1 antibody UV damaged DNA binding factor antibody UV damaged DNA-binding factor antibody UV damaged DNA-binding factor antibody UV-damaged DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody UV-DDB 1 antibody UV-DDB 1 antibody XAP1 antibody XPE binding factor antibody XPE-BF antibody XPE antibody XPE antibody XPE BF antibody XPE binding factor antibody XPE-BF antibody XPE-binding factor antibody XPE-BF antibody XPE binding factor antibodyAccession No.Swiss-Prot#:Q16531UniprotQ16531GenelD1642; Calculated MWCalculated MW127 kDaTormulation1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.	Clonality	Monoclonal antibody
Applications WB,ICC/IF,IHC,IP Species Reactivity Hu, Ms, Rt Immunogen Description Recombinant protein Other Names Damage specific DNA binding protein 1 antibody Damage-specific DNA-binding protein 1 antibody DDB 1 antibody DDB p127 suburit antibody DDA1 antibody DDB1_HUMAN antibody DDBa antibody DNA damage-binding protein 1 antibody DNA damage-binding protein 1 antibody a antibody DDB p127 suburit antibody DVA damage-binding protein 1 antibody UV damaged DNA damage-binding protein 1 antibody Admage DNA binding protein 1 antibody UV damaged DNA binding factor antibody UV damaged DNA binding factor antibody DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody VV DDB1 antibody V-damaged DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody VAP-1 antibody XAP1 antibody XaP1 antibody Accession No. Swiss-Prot#:Q16531 XPE-aF antibody XPE antibody XPE BF antibody XPE binding factor antibody Uniprot Q16531 1642; Calculated MW 127 KDa 17 KDa 17 KDa Formulation 1'TBS (pH7.4), 1/%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. 17 KDa 17 KDa 17 KDa	Clone No.	JU32-35
Species ReactivityHu, Ms, RtImmunogen DescriptionRecombinant proteinOther NamesDamage specific DNA binding protein 1 antibodyDamage-specific DNA-binding protein 1 antibodyOther NamesDamage specific DNA binding protein 1 antibodyDDB1_HUMAN antibodyDDB antibodyAdmage binding protein 1 antibodyDNA damage-binding protein 1 antibodyDNA damage-binding protein 1 antibodyDNA damage-binding protein 1 antibodyAdmage DNA binding protein 1 antibodyUV Admaged DNA binding factor antibodyUVdamaged DNA binding protein 1 antibodyUV DDB 1 antibodyUV-damagedDNA-binding factor antibodyUV-damaged DNA-binding protein 1 antibodyUV-DDB 1 antibodyVV-DDB 1DNA-binding factor antibodyUV-damagedDNA-binding factor antibodyUV-damaged DNA-binding protein 1 antibodyVD-DDB 1 antibodyVP-DBE 1antibodyXAP1 antibodyXAP1 antibodyVP-DBE 3mtibodyXPE-antibodyXPE antibodyXPE-BF antibodyXPE-binding factor antibodyXPE binding factor antibodyVPE-BF antibodyXPE-binding factor antibodyXPE binding factor antibodyVPE-BF antibodyXPE-binding factor antibodyXPE binding factor antibodyUniprotQ16531Q16531GeneID1642;Calculated MW127 kDaFormulation1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.	Purification	ProA affinity purified
Immunogen DescriptionRecombinant proteinOther NamesDamage specific DNA binding protein 1 antibodyDamage-specific DNA-binding protein 1 antibodyDDB 1 antibody DDB p127 subunit antibodyAdmage binding protein 1 antibodyDNA 1 antibodyDDB1_HUMAN antibodyDDB antibodyDNA damage-binding protein 1 antibodyAdmage binding protein 1 antibodyDNA damage-binding protein 1 antibodyDNA damage-binding protein a antibodyHBV X-associated protein 1 antibodyUV damaged DNA binding factor antibodyUV damaged DNA binding factor antibodyUV damaged DNA-binding factor antibodyUV-damaged DNA-binding factor antibodyUV-damaged DNA-binding factor antibodyVV-damaged DNA-binding protein 1 antibodyVV DDB 1 antibodyVU-damaged DNA-binding protein 1 antibodyXAP 1 antibody	Applications	WB,ICC/IF,IHC,IP
Other Names Damage specific DNA binding protein 1 antibody Damage-specific DNA-binding protein 1 antibody DDB 1 antibody DDB p127 subunit antibody Ddb1 antibody DDB1_HUMAN antibody DDBa antibody DNA damage binding protein 1 antibody DNA damage-binding protein 1 antibody UV damaged DNA binding factor antibody UV damaged DNA binding protein 1 antibody UV Admaged DNA-binding factor antibody UV damaged DNA-binding factor antibody UV damaged DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody UV DDB 1 antibody UV-damaged DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody UV DDB 1 antibody UV-damaged DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody V-DDB 1 antibody X associated protein 1 antibody X PE antibody X PE antibody	Species Reactivity	Hu, Ms, Rt
Accession No.Swiss-Prot#:Q16531UniprotQ16531GeneID1642;Calculated MW127 kDaFormulation127 kDaFormulation127 kDa	Immunogen Description	Recombinant protein
UniprotQ16531GeneID1642;Calculated MW127 kDaFormulation1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.		antibody DDB p127 subunit antibody Ddb1 antibody DDB1_HUMAN antibody DDBa antibody DNA damage binding protein 1 antibody DNA damage-binding protein 1 antibody DNA damage-binding protein a antibody HBV X-associated protein 1 antibody UV damaged DNA binding factor antibody UV damaged DNA binding protein 1 antibody UV DDB 1 antibody UV DDB1 antibody UV-damaged DNA-binding factor antibody UV-damaged DNA-binding protein 1 antibody UV-DDB 1 antibody X associated protein 1 antibody XAP 1 antibody XAP-1 antibody XAP1 antibody Xeroderma pigmentosum group E complementing protein antibody XPE BF antibody XPE binding factor antibody XPE-BF antibody XPE-binding factor antibody
GeneID 1642; Calculated MW 127 kDa Formulation 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.	Accession No.	Swiss-Prot#:Q16531
Calculated MW 127 kDa Formulation 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.	Uniprot	Q16531
Formulation 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.	GenelD	1642;
	Calculated MW	127 kDa
Storage Store at -20°C	Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
	Storage	Store at -20°C

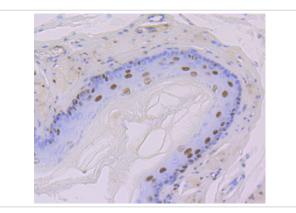
Application Details

WB: 1:500-1:2,000IHC: 1:50-1:200ICC: 1:50-1:200IP: 1:10-1:50

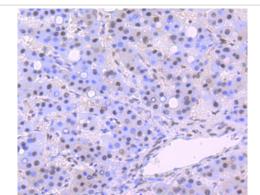
Images



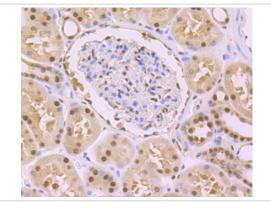
Western blot analysis of DDB1 on different lysates using anti-DDB1 antibody at 1/500 dilution. Positive control: Lane 1: HepG2 Lane 2: NIH-3T3 Lane 3: MCF-7 Lane 4: Rat kidney tissue



Immunohistochemical analysis of paraffin-embedded rat esophagus tissue using anti-DDB1 antibody. Counter stained with hematoxylin.

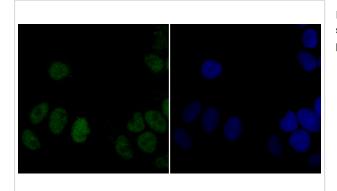


Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-DDB1 antibody. Counter stained with hematoxylin.

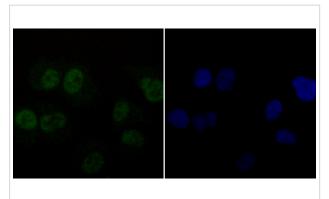


Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-DDB1 antibody. Counter stained with hematoxylin.

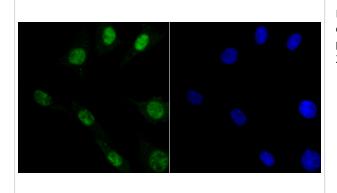
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-DDB1 antibody. Counter stained with hematoxylin.



ICC staining DDB1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining DDB1 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining DDB1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Damaged DNA binding protein (DDB) is a heterodimer composed of two subunits, p127 and p48, which are designated DDB1 and DDB2, respectively. The DDB heterodimer is involved in repairing DNA damaged by ultraviolet light. Specifically, DDB, also designated UV-damaged DNA binding protein (UV-DDB), xeroderma pigmentosum group E binding factor (XPE-BF) and hepatitis B virus X-associated protein 1 (XAP-1), binds to damaged cyclobutane pyrimidine dimers (CPDs). Mutations in the DDB2 gene are implicated as causes of xeroderma pigmentosum group E, an autosomal recessive disease in which patients are defective in nucleotide excision DNA repair. XPE is characterized by hypersensitivity of the skin to sunlight with a high frequency of skin cancer as well as neurologic abnormalities. The hepatitis B virus (HBV) X protein interacts with DDB1, which may mediate HBx transactivation.

References

Note: This product is for in vitro research use only