

USP11 Rabbit mAb

Catalog No: #52089

Package Size: #52089-1 50ul #52089-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

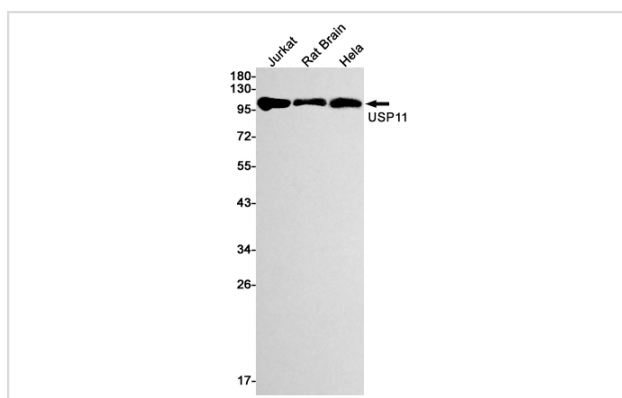
Description

Product Name	USP11 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-2D7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human USP11
Conjugates	Unconjugated
Modification	Unmodification
Other Names	UHX1; USP11;
Accession No.	Swiss-Prot:P51784GenelD:8237
Uniprot	P51784
GenelD	8237
Calculated MW	Calculated MW: 110 kDa; Observed MW: 110 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/2000;

Images



Western blot detection of USP11 in Jurkat,Rat Brain,HeLa cell lysates using USP11 Rabbit mAb(1:1000 diluted).Predicted band size:110kDa.Observed band size:110kDa.

Background

Swiss-Prot Acc.P51784. Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains (PubMed:12084015, PubMed:15314155, PubMed:17897950, PubMed:19874889, PubMed:20233726, PubMed:28992046, PubMed:24724799).

Inhibits the degradation of target proteins by the proteasome (PubMed:12084015).

Cleaves preferentially 'Lys-6' and 'Lys-63'-linked ubiquitin chains. Has lower activity with 'Lys-11' and 'Lys-33'-linked ubiquitin chains, and extremely low activity with 'Lys-27', 'Lys-29' and 'Lys-48'-linked ubiquitin chains (in vitro) (PubMed:24724799).

Plays a role in the regulation of pathways leading to NF-kappa-B activation (PubMed:17897950, PubMed:19874889).

Plays a role in the regulation of DNA repair after double-stranded DNA breaks (PubMed:15314155, PubMed:20233726).

Acts as a chromatin regulator via its association with the Polycomb group (PcG) multiprotein PRC1-like complex; may act by deubiquitinating components of the PRC1-like complex (PubMed:20601937).

Promotes cell proliferation by deubiquitinating phosphorylated E2F1 (PubMed:28992046).

Note: This product is for in vitro research use only