Product Datasheet

VDAC1 Rabbit mAb

Catalog No: #48607

Package Size: #48607-1 50ul #48607-2 100ul

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

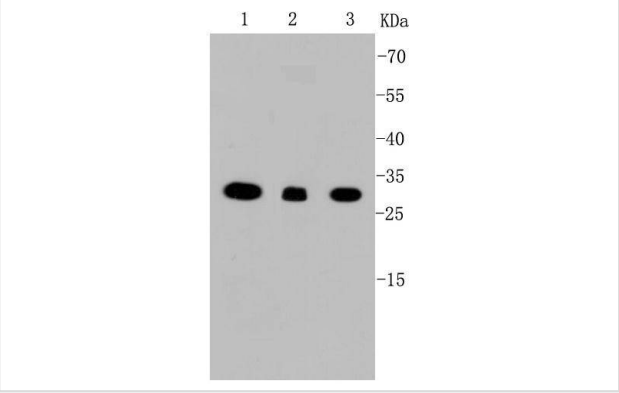
Description

Product Name	VDAC1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SA93-03
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	N2441 antibody OMP2 antibody POR1 antibody hVDAC1 antibody MGC111064 antibody Mitochondrial Porin antibody Outer mitochondrial membrane protein porin 1 antibody Plasmalemmal porin antibody Porin 31HL antibody Porin 31HM antibody VDAC antibody VDAC-1 antibody Vdac1 antibody VDAC1_HUMAN antibody Voltage dependent anion channel 1 antibody Voltage dependent anion selective channel protein 1 antibody Voltage-dependent anion-selective channel protein 1 antibody YNL055C antibody YNL2441C antibody
Accession No.	Swiss-Prot#:P21796
Uniprot	P21796
GeneID	7416;
Calculated MW	31 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

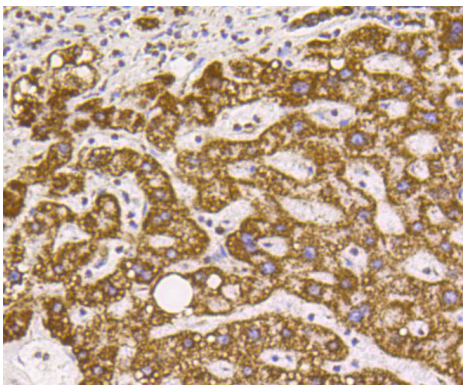
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200

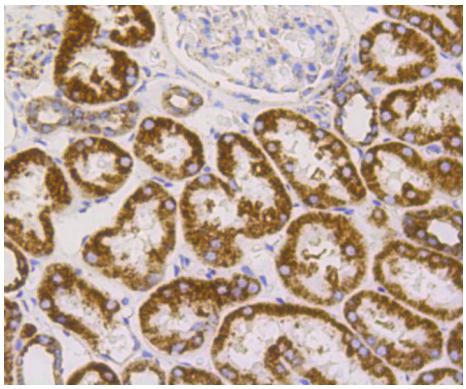
Images



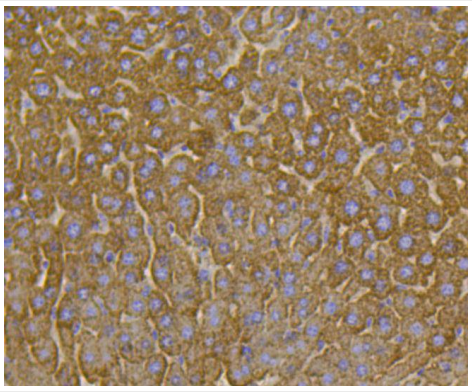
Western blot analysis of VDAC1 on different cell lysates using anti-VDAC1 antibody at 1/1,000 dilution. Positive control:
Lane 1: Raji Lane 2: HepG2 Lane 3: SW480



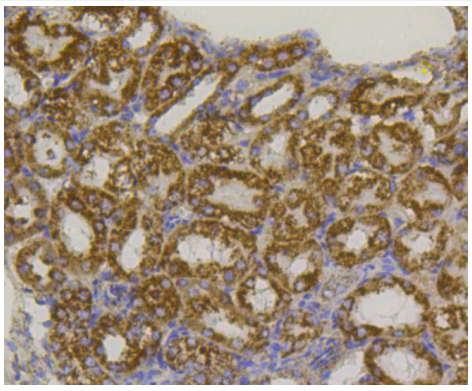
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-VDAC1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-VDAC1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-VDAC1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-VDAC1 antibody. Counter stained with hematoxylin.

Background

Voltage-dependent anion-selective channel (VDAC1) (also referred to as porin, isoform 1) is a small protein, originally discovered in the outer membrane of mitochondria where it constitutes the major pore-forming protein. The porin protein VDAC1 allows to the outer-most membrane of the mitochondrion free permeability to low molecular-weight solutes. VDAC1 has been shown to co-immunoprecipitate with the anti-apoptotic protein Bcl-2 and suggested to be involved in forming the mitochondrial pore which releases cytochrome c during apoptosis.

References

Note: This product is for in vitro research use only