

Rabbit VDAC1/Porin Monoclonal Antibody | anti-VDAC1 antibody

VDAC1/Porin mAb

CATALOG # AAA62459	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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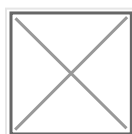
PRODUCT SYNONYMS

VDAC1/Porin; Monoclonal Antibody; VDAC1/Porin mAb; VDAC-1; hVDAC1; Outer mitochondrial membrane protein porin 1; Plasmalemmal porin; Porin 31HL; Porin 31HM; VDAC; Voltage-dependent anion-selective channel protein 1; anti-VDAC1 antibody

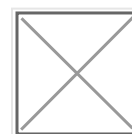
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	283
Applicable Applications for anti-VDAC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing animals with a polypeptide corresponding to VDAC1/Porin protein.
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze / thaw cycle.

IMAGES



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-VDAC1 antibody	Voltage-dependent anion-selective channel 1 (VDAC-1) is a beta barrel protein that in humans is encoded by the VDAC1 gene. This protein is a voltage-dependent anion channel and shares high structural homology with the other VDAC isoforms (VDAC2 and VDAC3), which are involved in the regulation of cell metabolism, mitochondrial apoptosis, and spermatogenesis. Its Overexpression and misregulation could lead to apoptosis in the cell and a variety of diseases within the body. In particular, since VDAC1 is the major calcium ion transport channel, its dysfunction is implicated in cancer, Parkinson's (PD), and Alzheimer's disease.
Product Categories/Family for anti-VDAC1 antibody	Apoptosis ; Signaling pathways

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507879
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NCBI GeneID	7416
NCBI Accession #	NP_003365.1
NCBI GenBank Nucleotide #	NM_003374.2
UniProt Accession #	P21796; Q5FVE7; Q9UIQ5; Q9UPL0; B3KVK4; D3DQ93
Molecular Weight	31kDa
NCBI Official Full Name	voltage-dependent anion-selective channel protein 1
NCBI Official Synonym Full Names	voltage dependent anion channel 1
NCBI Official Symbol	VDAC1
NCBI Official Synonym Symbols	PORIN; VDAC-1
NCBI Protein Information	voltage-dependent anion-selective channel protein 1
UniProt Protein Name	Voltage-dependent anion-selective channel protein 1
UniProt Gene Name	VDAC1
UniProt Synonym Gene Names	VDAC; VDAC-1; hVDAC1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/vdac1-porin-antibody-immunohistochemistry-western-blot-elisa/62459>