

Rabbit VDAC2 Polyclonal Antibody | anti-VDAC2 antibody

VDAC2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197921	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

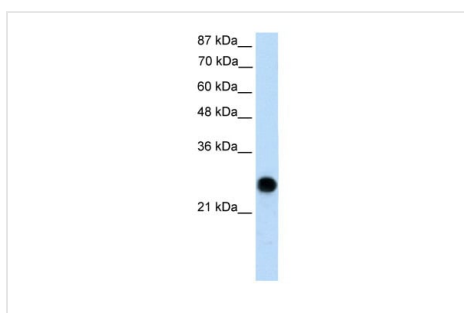
PRODUCT SYNONYMS

VDAC2; Polyclonal Antibody; VDAC2 antibody - N-terminal region; anti-VDAC2 antibody

PRODUCT SPECIFICATIONS

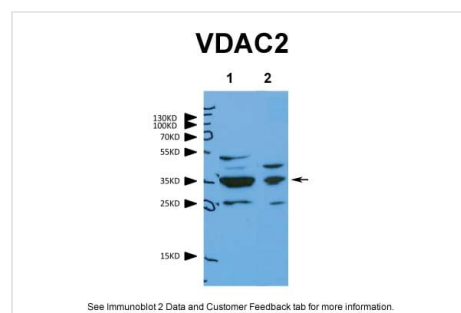
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MA THGQTCARPM CIPPSYADLG KAARDIFNKG FGFGVLKLDV KTKSCSGV
Sequence Length	294
Applicable Applications for anti-VDAC2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 79%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human VDAC2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



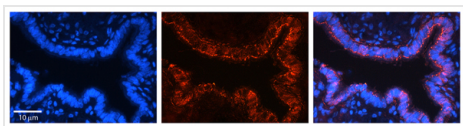
WB (Western Blot)

WB Suggested Anti-VDAC2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: Transfected 293T VDAC2 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

WB Suggested Anti-VDAC2 Antibody Titration: 1.6 ug/ml
 Positive Control: human cell lines



IHC (Immunohistochemistry)

Rabbit Anti-VDAC2 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-VDAC2 antibody	This is a rabbit polyclonal antibody against VDAC2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: VDAC2 forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective.
Product Categories/Family for anti-VDAC2 antibody	Polyclonal; Ion Channel

NCBI AND UNIPROT INFORMATION

NCBI GI #	42476281
NCBI GeneID	7417
NCBI Accession #	NP_003366
NCBI GenBank Nucleotide #	NM_003375
UniProt Accession #	P45880
Molecular Weight	32kDa
NCBI Official Full Name	voltage-dependent anion-selective channel protein 2 isoform 2
NCBI Official Synonym Full Names	voltage dependent anion channel 2
NCBI Official Symbol	VDAC2
NCBI Official Synonym Symbols	POR
NCBI Protein Information	voltage-dependent anion-selective channel protein 2
UniProt Protein Name	Voltage-dependent anion-selective channel protein 2
UniProt Gene Name	VDAC2
UniProt Synonym Gene Names	VDAC-2; hVDAC2
UniProt Entry Name	VDAC2_HUMAN

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://www.aaabiotech.com/polyclonal/vdac2-antibody-western-blot-immunohistochemistry-elisa/197921>