

Rabbit HVCN1 / HV1 Polyclonal Antibody | anti-HVCN1 antibody

Rabbit Polyclonal to Human HVCN1 / HV1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51253	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

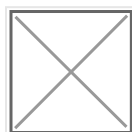
PRODUCT SYNONYMS

HVCN1 / HV1; Polyclonal Antibody; Rabbit Polyclonal to Human HVCN1 / HV1; Anti-HVCN1 / HV1 Antibody (C-Terminus) IHC-plus; HVCN1; HV1; VSOP; Human HVCN1; anti-HVCN1 antibody

PRODUCT SPECIFICATIONS

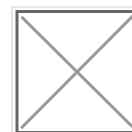
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Human HVCN isoforms 1, 2, and 4 as listed in Q96D96.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-HVCN1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	A 17 amino acid peptide near the carboxy terminus of human HVCN1.
Immunogen Type	Synthetic peptide
Immunogen	HVCN1 / HV1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human HVCN1.
Antigen Modification	C-Terminus
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of HVCN1 in Rat Spleen cells with HVCN1 antibody at 20 ug/ml.



IHC (Immunohistochemistry)

Anti-HVCN1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-HVCN1 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-HVCN1 antibody

This gene encodes a voltage-gated protein channel protein expressed more highly in certain cells of the immune system. Phagocytic cells produce superoxide anions which require this channel protein, and in B cells this same process facilitates antibody production. This same channel protein, however, can also regulate functions in other cells including spermatozoa. Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91992155
NCBI GeneID	84329
NCBI Accession #	NP_115745.2
NCBI GenBank Nucleotide #	NM_032369.3
UniProt Accession #	Q96D96; Q6UW11; Q96IS5; A8MQ37; B4DEB3; F8WCH5
Molecular Weight	29,415 Da
NCBI Official Full Name	voltage-gated hydrogen channel 1 isoform 1
NCBI Official Synonym Full Names	hydrogen voltage-gated channel 1
NCBI Official Symbol	HVCN1
NCBI Official Synonym Symbols	HV1; VSOP
NCBI Protein Information	voltage-gated hydrogen channel 1; voltage sensor domain-only protein
UniProt Protein Name	Voltage-gated hydrogen channel 1
UniProt Gene Name	HVCN1
UniProt Synonym Gene Names	VSOP; HV1
UniProt Entry Name	HVCN1_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://stage.aaabiotech.com/polyclonal/hvcn1-hv1-antibody-western-blot-immunohistochemistry-elisa/51253>