

Rabbit HVCN1 Polyclonal Antibody | anti-HVCN1 antibody

HVCN1 Antibody

CATALOG # AAA303772	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

HVCN1; Polyclonal Antibody; HVCN1 Antibody; Hydrogen voltage-gated channel 1; HV1; VSOP; Voltage sensor domain-only protein; anti-HVCN1 antibody

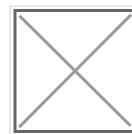
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	273
Applicable Applications for anti-HVCN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 17 amino acid peptide near the carboxy terminus of human HVCN1.
Target Name	HVCN1
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of HVCN1 in rat spleen tissue with HVCN1 antibody at 5 ug/mL.


WB (Western Blot)

Western blot analysis of HVCN1 in human spleen tissue lysate with HVCN1 antibody at (A) 0.5 and (B) 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-HVCN1 antibody	HVCN1 (hydrogen voltage-gated channel 1), a voltage gated proton channel protein that is highly expressed in immune tissues, mediates the proton conductances required by phagocytic leukocytes for the oxidative burst that underlies microbial killing. HVCN1 moderates the voltage-dependent proton permeability of excitable membranes by allowing the flow of protons in accordance to their electrochemical gradient. HVCN1 is sensitive to zinc ions, and can be inhibited by them. HVCN1 may represent a new therapeutic target for B cell malignancies on continued signaling via the B cell antigen receptor.
Product Categories/Family for anti-HVCN1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	91992155
NCBI GeneID	84329
NCBI Accession #	NP_115745
NCBI GenBank Nucleotide #	NM_032369.3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hvcn1-antibody-immunohistochemistry-western-blot-elisa/303772>