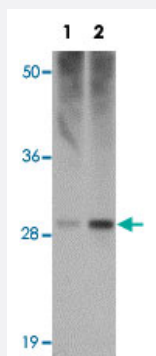


# HVCN1 polyclonal antibody

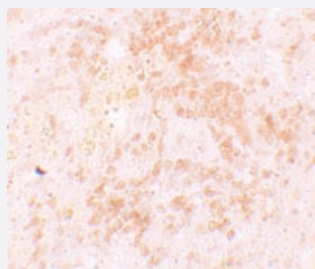
Catalog # PAB19290      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of HVCN1 in human spleen tissue lysate with HVCN1 polyclonal antibody (Cat # PAB19290) at (1) 0.5 and (2) 1 ug/mL.



### Immunohistochemistry

Immunohistochemical staining of rat spleen cells with HVCN1 polyclonal antibody (Cat # PAB19290) at 5 ug/mL.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of HVCN1.
<b>Immunogen</b>	A synthetic peptide corresponding to 17 amino acids near C-terminus of human HVCN1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (0.5-1 ug/mL) Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of HVCN1 in human spleen tissue lysate with HVCN1 polyclonal antibody (Cat # PAB19290) at (1) 0.5 and (2) 1 ug/mL.

- Immunohistochemistry

Immunohistochemical staining of rat spleen cells with HVCN1 polyclonal antibody (Cat # PAB19290) at 5 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — HVCN1

Entrez GeneID	<a href="#">84329</a>
Protein Accession#	<a href="#">NP_115745</a>
Gene Name	HVCN1
Gene Alias	HV1, MGC15619, VSOP
Gene Description	hydrogen voltage-gated channel 1
Omim ID	<a href="#">611227</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	HVCN1 is a voltage-gated proton channel highly expressed in immune tissues. Channels like HVCN1 mediate the proton conductances required by phagocytic leukocytes for the oxidative burst that underlies microbial killing (Ramsey et al., 2006 [PubMed 16554753]).[supplied by OMIM]

**Other Designations**voltage sensor domain-only protein

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