HVCN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HVCN1, Polyclonal Antibody
Full Product Name	HVCN1 Antibody
Product Gene Name	anti-HVCN1 antibody
Product Synonym Names	HV1 VSOP
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Antibody solution
Purity/Purification	Purified by antigen affinity column.
Molecular Weight	29,415 Da
Product Categories/Family for anti-HVCN1 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HVCN1 antibody	ELISA (EIA), Western Blot (WB)
Related Product Information for anti-HVCN1 antibody	MBS8604978 is an antibody targeting HVCN1. Also known as HVCN1 Antibody. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-HVCN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HVCN1. It may not necessarily be applicable to this product.

NCBI GI #	16307282
NCBI GeneID	84329
NCBI Accession #	BC009731
UniProt Secondary Accession #	Q6UW11; Q96IS5; A8MQ37; B4DEB3; F8WCH5
UniProt Related Accession #	Q96D96
NCBI Official Full Name	Homo sapiens hydrogen voltage-gated channel 1, mRNA
NCBI Official Synonym Full Names	hydrogen voltage gated channel 1
NCBI Official Symbol	HVCN1
NCBI Official Synonym Symbols	HV1; VSOP
Protein Family	Voltage-gated hydrogen channel

NCBI Protein Information	voltage-gated hydrogen channel 1
NCBI Summary for HVCN1	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. [provided by RefSeq, Jan 2012]
Research Articles on HVCN1	**1.** Trp207 is crucial for slow channel opening, highly temperature-dependent gating kinetics, proton selectivity, and DeltapH-dependent gating.
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