



Human HVCN1 blocking peptide (CDBP1529)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-HVCN1 antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	HVCN1 hydrogen voltage-gated channel 1 [Homo sapiens]
Official Symbol	HVCN1

Synonyms	HVCN1; hydrogen voltage-gated channel 1; voltage-gated hydrogen channel 1; Hv1; MGC15619; voltage sensor domain only protein; VSOP; voltage sensor domain-only protein; HV1;
Entrez Gene ID	84329
mRNA Refseq	NM_001040107
Protein Refseq	NP_001035196
UniProt ID	Q96D96
Chromosome Location	12q24.11
Function	voltage-gated ion channel activity; voltage-gated proton channel activity; voltage-gated proton channel activity;