

# Product Datasheet

## HVCN1 Antibody NBP1-06585

Unit Size: 0.2 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-06585****HVCN1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.2 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Lyophilized powder, reconstituted in distilled water.
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Antiserum

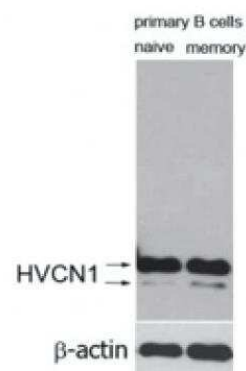
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit HVCN1 Antibody (NBP1-06585) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-HVCN1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	84329
<b>Gene Symbol</b>	HVCN1
<b>Species</b>	Human
<b>Reactivity Notes</b>	May cross react with monkeys protein due to sequence similarity.
<b>Specificity/Sensitivity</b>	Reacts specifically with human 31 kDa protein
<b>Immunogen</b>	Synthetic peptide derived from the first cytoplasmic domain at the N-terminus of human HVCN1 protein.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:100-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50-1:200

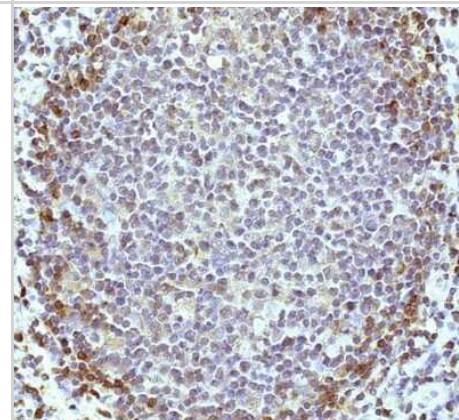


## Images

Western Blot: HVCN1 Antibody [NBP1-06585] - HVCN1 expression in human peripheral blood naive (CD27-) B cells and memory (CD27+) B cells



Immunohistochemistry-Paraffin: HVCN1 Antibody [NBP1-06585] - Immunohistochemistry of paraffin-embedded tonsil sections stained with anti-HVCN1



## Publications

Yu Y, Luo X, Li C, Ding F et Al. Microglial Hv1 proton channels promote white matter injuries after chronic hypoperfusion in mice J Neurochem 2019-11-27 [PMID: 31769505]

HVCN1 modulates BCR signal strength via regulation of BCR-dependent generation of reactive oxygen species  
Melania Capasso<sup>1</sup>, Mandeep K Bhamrah<sup>1</sup>, Tom Henley<sup>2</sup>, Robert S Boyd<sup>1</sup>, Claudia Langlais<sup>1</sup>, Kelvin Cain<sup>1</sup>, David Dinsdale<sup>1</sup>, Karen Pulford<sup>3</sup>, Mahmood Khan<sup>4</sup>, Boris Musset<sup>5</sup>, Vladimir V Cherny<sup>5</sup>, Deri Morgan<sup>5</sup>, Randy D Gascoyne<sup>6</sup>, Elena Vigorito<sup>2</sup>, Thomas E DeCoursey<sup>5</sup>, Ian C M MacLennan<sup>4</sup> & Martin J S Dyer<sup>1</sup>. [PMID: 20139987]



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### **Products Related to NBP1-06585**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-81643PEP	HVCN1 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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