

Datasheet for ABIN347647
anti-HVCN1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	HVCN1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HVCN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide derived from Nter domain of human HVCN1 protein
Isotype:	IgG
Specificity:	Reacts with human HVCN1 protein
Cross-Reactivity (Details):	May cross react with monkeys protein due to sequence similarity
Purification:	Antiserum

Target Details

Target:	HVCN1
Alternative Name:	Voltage-Gated Hydrogen Channel 1 (HVCN1 Products)
Background:	HVCN1 is an ion channel involved in cellular response to pH variations. It is expressed in

Target Details

	certain immune cells like macrophages.
Gene ID:	84329
UniProt:	Q96D96
Pathways:	Proton Transport

Application Details

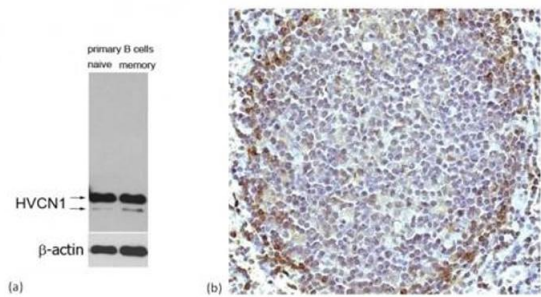
Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only : IHC / ICC(1:50 - 1:200) WB(1:100 - 1:1000)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Must be reconstituted in distilled water.
Storage:	4 °C/-20 °C
Storage Comment:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	24 months

Images

pab0493 : Voltage-gated hydrogen channel 1 (HVCN1)



HVCN1 protein expression in B cells.
(a) Immunoblot analysis of HVCN1 expression in human peripheral blood naive (CD27-) B cells and memory (CD27+) B cells with a rabbit polyclonal antibody (pab 0493) anti-HVCN1. β-actin serves as loading control throughout.
(b) Immunohistochemistry of paraffin-embedded tonsil sections stained with anti-HVCN1(pab 0493)

Image 1.