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anti-HVCN1 antibody (C-Term)



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Quantity: 0.1 mg Target: HVCN1 Binding Specificity: C-Term Reactivity: Human, Mouse, Rat Host: Rabbit Clonality: Polyclonal Conjugate: This HVCN1 antibody is un-conjugated Application: Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) Product Details HVCN1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human HVCN1. The immunogen is located within the last 50 amino acids of HVCN1. Isotype: IgG Purification: HVCN1 Antibody is affinity chromatography purified via peptide column. Target Details HVCN1 Antibody: HVCN1 (HVCN1 Products) Background: HVCN1 (HVCN1 Products)			
Binding Specificity: C-Term Reactivity: Human, Mouse, Rat Host: Rabbit Clonality: Polyclonal Conjugate: This HVCN1 antibody is un-conjugated Application: Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) Product Details Immunogen: HVCN1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human HVCN1. The immunogen is located within the last 50 amino acids of HVCN1. Isotype: IgG Purification: HVCN1 Antibody is affinity chromatography purified via peptide column. Target: HVCN1 Alternative Name: HVCN1 (HVCN1 Products)	Quantity:	0.1 mg	
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Target Details Target: HVCN1 Alternative Name: HVCN1 (HVCN1 Products)	Isotype:	IgG	
Target: HVCN1 Alternative Name: HVCN1 (HVCN1 Products)	Purification:	HVCN1 Antibody is affinity chromatography purified via peptide column.	
Alternative Name: HVCN1 (HVCN1 Products)	Target Details		
,	Target:	HVCN1	
Background: HVCN1 Antibody: HVCN1 (hydrogen voltage-gated channel 1), a voltage gated proton channel	Alternative Name:	HVCN1 (HVCN1 Products)	
	Background:	HVCN1 Antibody: HVCN1 (hydrogen voltage-gated channel 1), a voltage gated proton channel	

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	protein that is highly expressed in immune tissues, mediates the proton conductances required		
	by phagocytic leukocytes for the oxidative burst that underlies microbial killing. HVCN1		
	moderates the voltage-dependent proton permeability of excitable membranes by allowing the		
	flow of protons in accordance to their electrochemical gradient. HVCN1 is sensitive to zinc ions		
	and can be inhibited by them. HVCN1 may represent a new therapeutic target for B cell		
	malignancies on continued signaling via the B cell antigen receptor.		
Molecular Weight:	Predicted: 30 kDa		
	Observed: 30 kDa		
Gene ID:	84329		
NCBI Accession:	NP_115745		
UniProt:	Q96D96		
Pathways:	Proton Transport		
Application Details			
Application Notes:	HVCN1 antibody can be used for detection of HVCN1 by Western blot at 1 μ,g/mL. Antibody		
	can also be used for immunohistochemistry starting at 5 μ ,g/mL. For immunofluorescence		
	start at 20 μ,g/mL.		
	Antibody validated: Western Blot in human and mouse samples, Immunohistochemistry in rat		
	samples and Immunofluorescence in rat samples. All other applications and species not yet		
	tested.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 mg/mL		
Buffer:	HVCN1 Antibody is supplied in PBS containing 0.02 % sodium azide.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		

Handling

Storage:	-20 °C,4 °C	
Storage Comment:	HVCN1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As	
	with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should	
	not be exposed to prolonged high temperatures.	