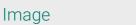
antibodies -online.com





anti-TRPV4 antibody (N-Term)







Go to Product page

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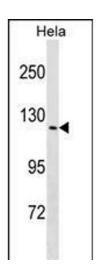
Overview		
Quantity:	400 μL	
Target:	TRPV4	
Binding Specificity:	AA 160-189, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TRPV4 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This TRPV4 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 160-189 amino acids from the N-terminal region of human TRPV4.	
Clone:	RB39228	
Isotype:	lg Fraction	
Predicted Reactivity:	C, M, Rat	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	TRPV4	
Alternative Name:	TRPV4 (TRPV4 Products)	

Target Details

Expiry Date:

6 months

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Background:	This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a Ca2+-permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Mutations in this gene are the cause of spondylometaphyseal and metatropic dysplasia and hereditary motor and sensory neuropathy type IIC. Multiple transcript variants encoding different isoforms have been found for this gene.	
Molecular Weight:	98281	
Gene ID:	59341	
NCBI Accession:	NP_001170899, NP_001170902, NP_001170904, NP_067638, NP_671737	
UniProt:	Q9HBA0	
Pathways:	Hormone Transport, Cell-Cell Junction Organization	
Application Details		
Application Notes:	WB: 1:1000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.	
Storage:	4 °C,-20 °C	
Storage Comment:	TRPV4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.	
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Western Blotting

Image 1. TRPV4 Antibody (N-term) (ABIN1539105 and ABIN2850375) western blot analysis in Hela cell line lysates (35 μ g/lane).This demonstrates the TRPV4 antibody detected the TRPV4 protein (arrow).