

Datasheet for ABIN6149604
anti-TRPV4 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	TRPV4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 800 to the C-terminus of human TRPV4 (NP_067638.3).
Sequence:	GKNETYQYYG FSHTVGRLRR DRWSSVVP RV VELNKNSNP D EVVPLDSMG NPRCDGHQQG YPRKWRTDDA PL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TRPV4
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Target Details

Alternative Name: TRPV4 ([TRPV4 Products](#))

Name:

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.,TRPV4,BCYM3,CMT2C,HMSN2C,OTRPC4,SMAL,SPSMA,SSQTL1,TRP12,VRL2,VROAC,Neuroscience,TRPV4

Molecular Weight: 85 kDa/91 kDa/92 kDa/94 kDa/96 kDa/98 kDa

Weight:

Gene ID: 59341

UniProt: [Q9HBA0](#)

Pathways: [Hormone Transport](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.