

TRPV4 Antibody

Catalog No: #32956

Package Size: #32956-1 50ul #32956-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

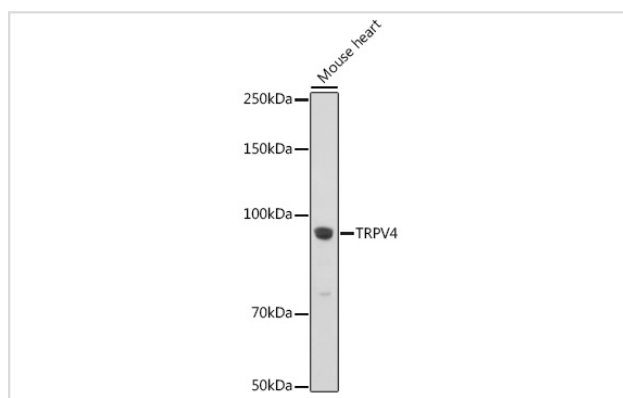
Description

Product Name	TRPV4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total TRPV4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	A synthetic peptide of human TRPV4 (NP_067638.3).
Target Name	TRPV4
Other Names	TRPV4;BCYM3;CMT2C;HMSN2C;OTRPC4;SMAL;SPSMA;SSQTL1;TRP12;VRL2;VROAC
Accession No.	Uniprot:Q9HBA0GeneID:59341
SDS-PAGE MW	95KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of Mouse heart, using TRPV4 antibody.

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.

Published Papers

el at., Aortic smooth muscle TRPV4 channels regulate vasoconstriction in high salt-induced hypertensionInHypertens ResOn2023 OctbyXin Wen?#?1,Yidi Peng et al..PMID:37532951, , (2023)

[PMID:37532951](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.