

TRPV4 Antibody

Catalog No: #32956

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Description

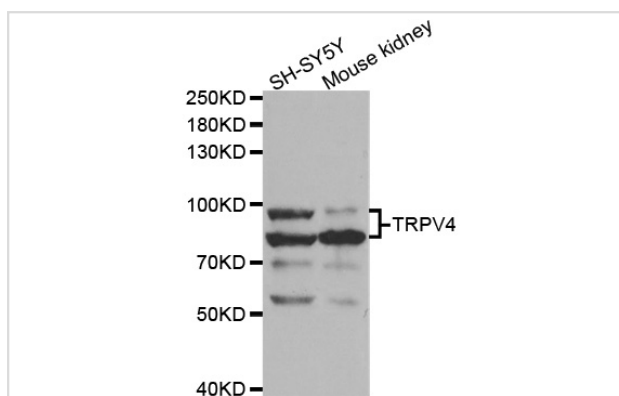
Product Name	TRPV4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total TRPV4 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TRPV4.
Target Name	TRPV4
Other Names	SMAL; VRL2; CMT2C; SPSMA; TRP12
Accession No.	Swiss-Prot:Q9HBA0NCBI Gene ID:59341
SDS-PAGE MW	98KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, 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.

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