

TRPV4 Rabbit Polyclonal Antibody



CAB5660

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

95kDa

Calculated MW:

85kDa/91kDa/92kDa/94kDa/
96kDa/98kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

59341

Uniprot

Q9HBA0

Synonyms:

TRPV4; BCYM3; CMT2C; HMSN2C; OTRPC4; SMAL; SPSMA;
SSQTL1; TRP12; VRL2; VROAC

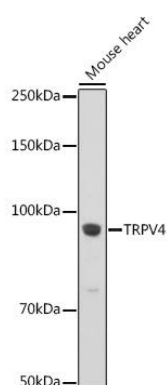
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 800 to the C-terminus of human TRPV4 (NP_067638.3).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of Mouse heart, using TRPV4 antibody (CAB5660) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.