
Summary

Production Name	TrpV4 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	TRPV4 TRPV4; VRL2; VROAC; Transient receptor potential cation channel subfamily V member 4; TrpV4; Osm-9-like TRP channel 4; OTRPC4; Transient receptor potential protein 12;
Alternative Names	TRP12; Vanilloid receptor-like channel 2; Vanilloid receptor-like protein 2; VRL-2; Vanilloid receptor-related osmotically-activated channel; VR-OAC
Gene ID	59341
SwissProt ID	Q9HBA0

Application

Dilution Ratio	WB: 1/500-1/1000 ELISA: 1/10000
Molecular Weight	Calculated MW: 98 kDa; Observed MW: 98 kDa

Product Name: TrpV4 Rabbit Polyclonal Antibody
Catalog #: APRab00598



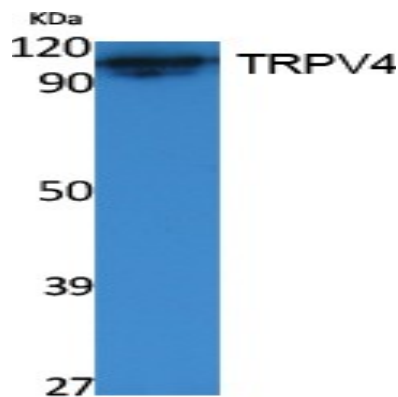
Background

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.

Research Area

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Image Data



Western blot analysis of TrpV4 in K562 lysates using TrpV4 antibody.

Note

For research use only.