

TRPV4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09238
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human TRPV4. AA range:461-510
Mol wt	98281
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	TRPV4 Antibody
Synonyms	TRPV4 VRL2 VROAC

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

TRPV4 encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The transient receptor potential cation channel subfamily V member 4 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.

Recommended Dilution

WB: 1: 500 - 2000

ELISA: 1: 10000 - 20000

Not yet tested in other applications.

Images



Western Blot analysis of HEPG2 cells using Antibody diluted at 500. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year