

TRPV2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54243

Specification

TRPV2 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9Y5S1
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRPV2
Epitope Specificity	601-700/764
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300.
SUBCELLULAR LOCATION	Cell membrane; Multi-pass membrane protein. Cytoplasm. Melosome.
SIMILARITY	Belongs to the transient receptor (TC 1.A.4) family. TrpV subfamily. TRPV2 sub-subfamily. Contains 6 ANK repeats. Homotetramer.
SUBUNIT	N-glycosylated. Phosphorylated by PKA.
Post-translational modifications	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Important Note	

Background Descriptions

Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated, at least in part, by IGF-I, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius; is not activated by vanilloids and acidic pH.

TRPV2 Polyclonal Antibody - Additional Information

Gene ID 51393

Other Names

Transient receptor potential cation channel subfamily V member 2, TrpV2, Osm-9-like TRP channel 2, OTRPC2, Vanilloid receptor-like protein 1, VRL-1, TRPV2, VRL

Dilution

WB~~1:1000
IHC-P~~N/A
<span class =

= "dilution_IHC-F" > IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

TRPV2 Polyclonal Antibody - Protein Information

Name TRPV2

Synonyms VRL

Function

Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated, at least in part, by IGF1, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius; is not activated by vanilloids and acidic pH.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9WTR1}; Multi-pass membrane protein. Cytoplasm {ECO:0000250|UniProtKB:Q9WTR1}. Melanosome. Note=Translocates from the cytoplasm to the plasma membrane upon ligand stimulation (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV {ECO:0000250|UniProtKB:Q9WTR1}

TRPV2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRPV2 Polyclonal Antibody - Images