

TRPV2 Rabbit pAb

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Catalog # AP54243

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y5S1
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85981
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. Melanosome.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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.

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=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	TRPV2
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Synonyms	VRL
Function	Calcium-permeable, non-selective cation channel (PubMed: 10201375). Seems to be regulated, at least in part, by growth factors, such as IGF1, PDGF and morphogenetic neuropeptide/head activator. May transduce physical stimuli in mast cells (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:Q9WTR1}; Multi-pass membrane protein {ECO:0000250 UniProtKB:Q9WUD2}. Cytoplasm {ECO:0000250 UniProtKB:Q9WTR1}. Melanosome. Note=Translocates from the cytoplasm to the plasma membrane upon ligand stimulation (By similarity). Expressed in melanosomes during melanosome maturation from stage I to stage IV {ECO:0000250 UniProtKB:Q9WTR1}

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.