10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TRPV2 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2813a

Specification

TRPV2 Antibody (C-Term) - Product Information

Application	**E**
Primary Accession	Q9Y5S1
Other Accession	NP_057197.2, 51393
Predicted	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**85981**

TRPV2 Antibody (C-Term) - 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

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TRPV2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

TRPV2 Antibody (C-Term) - 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 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.

Cellular Location
Cell membrane; Multi-pass membrane protein. Cytoplasm. 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

TRPV2 Antibody (C-Term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRPV2 Antibody (C-Term) - Images

TRPV2 Antibody (C-Term) - References

Expression of transient receptor potential vanilloid 1 (TRPV1) and 2 (TRPV2) in human peripheral blood. Saunders CI, Kunde DA, Crawford A, Geraghty DP. Mol Immunol. 2007 Feb;44(6):1429-35. Epub 2006 Jun 14. PMID: 16777226