



Rabbit Anti-TRPV2 antibody

SL10297R

Product Name TRPV2**Chinese Name** 辣椒素受体样蛋白 1 抗体**Alias** Osm 9 like TRP channel 2; Osm-9-like TRP channel 2; OTRPC2; Sac2b; Stretch activated channel receptor potential cation channel subfamily V member 2; TrpV2; TRPV2_HUMAN; Vanilloid receptor protein 1; Vanilloid receptor-like protein 1; VRL 1; VRL; VRL-1; VRL1.**Immunogen Species** Rabbit**Clonality** Polyclonal**React Species** (predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep,)**Applications** WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.**Theoretical molecular weight** 86kDa**Cellular localization** cytoplasmic The cell membrane**Form** Liquid**Concentration** 1mg/ml**immunogen** KLH conjugated synthetic peptide derived from human TRPV2: 601-700/764 <Cytoplasmic>**Lsotype** IgG**Purification** affinity purified by Protein A**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300.**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**PubMed** [PubMed](#)**Product Detail** Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated in part, by IGF-I, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells.

by temperatures higher than 52 degrees Celsius; is not activated by vanilloids and acidic pH.

Function:

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

Subunit:

Homotetramer.

Subcellular Location:

Cell membrane; Multi-pass membrane protein. Cytoplasm. Melanosome.

Post-translational modifications:

N-glycosylated.

Phosphorylated by PKA.

Similarity:

Belongs to the transient receptor (TC 1.A.4) family. TrpV subfamily. TRPV2 sub-subfamily. Contains 6 ANK repeats.

SWISS:

Q9Y5S1

Gene ID:

51393

Database links:

[Entrez Gene: 51393](#) Human

[Omid: 606676](#) Human

[SwissProt: Q9Y5S1](#) Human

[Unigene: 279746](#) Human