
Product Name: TRPV3 Rabbit Polyclonal Antibody**Catalog #: APRab19329**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	90kDa

Antigen Information

Gene Name	TRPV3
Alternative Names	TRPV3; Transient receptor potential cation channel subfamily V member 3; TrpV3; Vanilloid receptor-like 3; VRL-3
Gene ID	162514.0
SwissProt ID	Q8NET8
Immunogen	Synthesized peptide derived from the Internal region of human TRPV3.

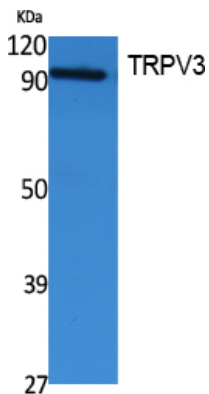
Background

transient receptor potential cation channel subfamily V member 3(TRPV3) Homo sapiens This gene product belongs to a

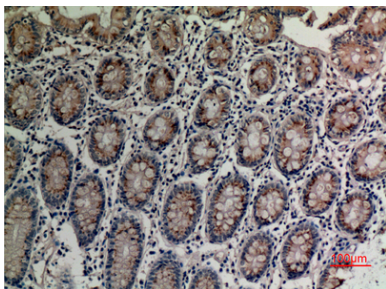
family of nonselective cation channels that function in a variety of processes, including temperature sensation and vasoregulation. The thermosensitive members of this family are expressed in subsets of sensory neurons that terminate in the skin, and are activated at distinct physiological temperatures. This channel is activated at temperatures between 22 and 40 degrees C. This gene lies in close proximity to another family member gene on chromosome 17, and the two encoded proteins are thought to associate with each other to form heteromeric channels. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012],function:Putative receptor-activated non-selective calcium permeant cation channel. It is activated by innocuous (warm) temperatures and shows an increased response at noxious temperatures greater than 39 degrees Celsius. Activation exhibits an outward rectification. May associate with TRPV1 and may modulate its activity.,similarity:Belongs to the transient receptor family. TrpV subfamily.,similarity:Contains 3 ANK repeats.,subunit:May form a heteromeric channel with TRPV1. Interacts with TRPV1.,tissue specificity:Abundantly expressed in CNS. Widely expressed at low levels. Detected in dorsal root ganglion (at protein level),.

Research Area

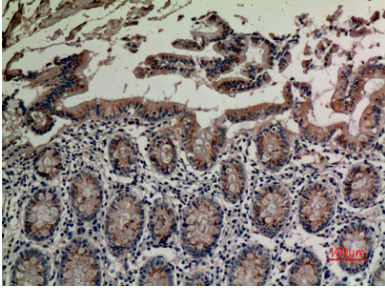
Image Data



Western Blot analysis of extracts from Jurkat cells, using TRPV3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:100