

TRPV1-Specific Polyclonal antibody

Catalog Number: 19735-1-AP

Basic Information

Catalog Number:

19735-1-AP

Size:

140 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_018727

GeneID (NCBI):

7442

UNIPROT ID:

Q8NER1

Full Name:

transient receptor potential cation channel, subfamily V, member 1

Calculated MW:

95 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

TRPV1, also named as OTRPC1 and VR1, belongs to the transient receptor family and TrpV subfamily. TRPV1 is a receptor-activated non-selective calcium permeant cation channel involved in detection of noxious chemical and thermal stimuli. It seems to mediate proton influx and may be involved in intracellular acidosis in nociceptive neurons. TRPV1 may be involved in mediation of inflammatory pain and hyperalgesia. It is sensitized by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases, which involves PKC isozymes and PCL. This antibody is specific to TRPV1.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

