

Datasheet

TRPV3 polyclonal antibody

Catalog Number: PAB11600

Regulatory Status: For research use only (RUO)

Product Description: Goat polyclonal antibody raised against synthetic peptide of TRPV3.

Immunogen: A synthetic peptide corresponding to amino acids 762-773 near C-terminus of human TRPV3.

Sequence: C-NKIQDSSRNNSK

Host: Goat

Theoretical MW (kDa): 90.5

Reactivity: Human

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Concentration: 0.5 mg/mL

Recommend Usage: ELISA (1:32000)
Western Blot (0.5-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 162514

Gene Symbol: TRPV3

Gene Alias: VRL3

Gene Summary: 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 (TRPV1) gene on chromosome 17, and the two encoded proteins are thought to associate with each other to form heteromeric channels. [provided by RefSeq]

References:

1. TRPV3 is a calcium-permeable temperature-sensitive cation channel. Xu H, Ramsey IS, Kotecha SA, Moran MM, Chong JA, Lawson D, Ge P, Lilly J, Silos-Santiago I, Xie Y, DiStefano PS, Curtis R, Clapham DE. *Nature*. 2002 Jul 11;418(6894):181-6. Epub 2002 Jun 23.