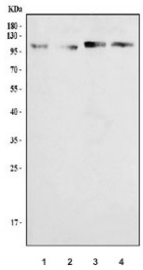
TRPV3 Antibody (RQ7109)

Catalog No.	Formulation	Size
RQ7109	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q8NET8
Applications	Western Blot : 0.5-1ug/ml
Limitations	This TRPV3 antibody is available for research use only.



Western blot testing of human 1) MDA-MB-453, 2) PC-3, 3) Caco-2 and 4) HeLa cell lysate with TRPV3 antibody. Predicted molecular weight ~90 kDa.

Description

Transient receptor potential cation channel, subfamily V, member 3, also known as TRPV3, is a human gene encoding the protein of the same name. 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.

Application Notes

Optimal dilution of the TRPV3 antibody should be determined by the researcher.

Immunogen

Amino acids VRRTDFNKIQDSSRNNSKTTLNAFEEVEEFPETSV were used as the immunogen for the TRPV3 antibody.

Storage

After reconstitution, the TRPV3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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