TRPV2 Antibody (VRL1) (R31083)

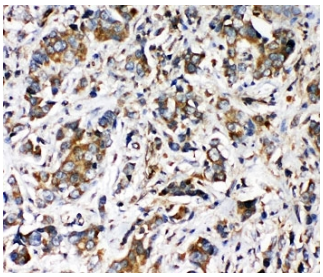
Catalog No.	Formulation	Size
R31083	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

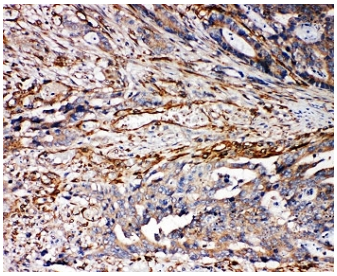
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9Y5S1
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml Immunohistochemistry (Frozen): 0.5-1ug/ml
Limitations	This TRPV2 antibody is available for research use only.



Western blot testing of TRPV2 antibody and HeLa cell lysate. Expected molecular weight: 85-95 kDa depending on glycosylation level.



IHC-P: TRPV2 antibody testing of human intestine cancer tissue



IHC-P: TRPV2 antibody testing of human breast cancer tissue

Description

Transient Receptor Potential Cation Channel Subfamily V Member 2, also known as VRL1, is a protein that, in humans, is encoded by the TRPV2 gene. The International Radiation Hybrid Mapping Consortium mapped the TRPV2 gene to chromosome 17. This gene encodes an ion channel that is activated by high temperatures above 52oC. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is though that in other tissues the channel may be activated by stimuli other than heat.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TRPV2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 42-624 (QFQGEDRKFAPQIRVNLNYRK-human) were used as the immunogen for this TRPV2 antibody.

Storage

After reconstitution, the TRPV2 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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