

Datasheet for ABIN3029248  
**anti-TRPV2 antibody (AA 42-624)**

## 5 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	TRPV2
Binding Specificity:	AA 42-624
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	Amino acids 42-624 (QFQGEDRK FAPQIRVNLN YRK-human) were used as the immunogen for this TRPV2 antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	TRPV2
Alternative Name:	TRPV2 (VRL1) ( <a href="#">TRPV2 Products</a> )
Background:	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

## Target Details

Mapping Consortium mapped the TRPV2 gene to chromosome 17. This gene encodes an ion channel that is activated by high temperatures above 52°C. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is thought that in other tissues the channel may be activated by stimuli other than heat.

UniProt: [Q9Y5S1](#)

Pathways: [Regulation of Cell Size](#)

## Application Details

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.\.  
Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL, IHC (Frozen): 0.5-1 µg/mL

Restrictions: For Research Use only

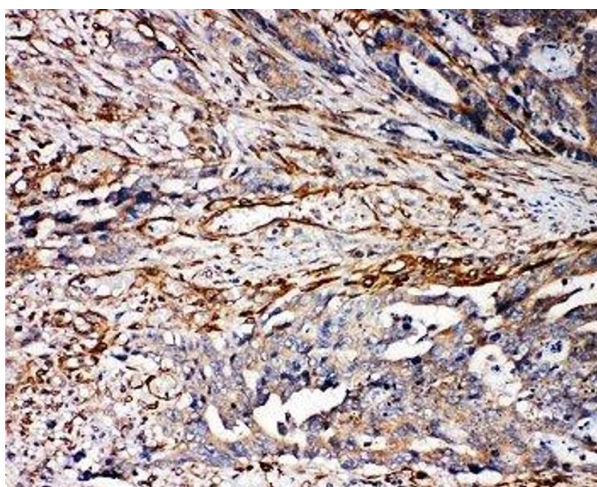
## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

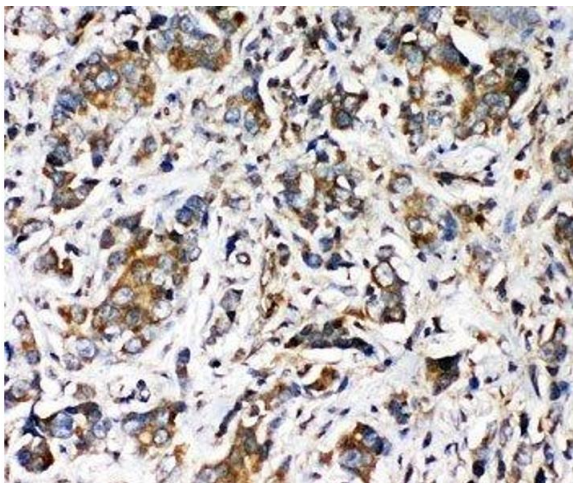
Storage Comment: After reconstitution, the TRPV2 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



### Immunohistochemistry

**Image 1.** IHC-P: TRPV2 antibody testing of human breast cancer tissue



#### Immunohistochemistry

**Image 2.** IHC-P: TRPV2 antibody testing of human intestine cancer tissue



#### Western Blotting

**Image 3.** Western blot testing of TRPV2 antibody and HeLa cell lysate. Predicted/observed size ~85KD

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029248.