

Datasheet for ABIN615540  
**anti-TRPV2 antibody (Ser157)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	50 µL
Target:	TRPV2
Binding Specificity:	Ser157
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Synthesized non-phosphopeptide derived from human VASP around the phosphorylation site of serine 157
Sequence:	R-V-SP-N-A
Specificity:	This antibody detects TRPV2 / Vanilloid receptor-like protein 1.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography

## Target Details

Target:	TRPV2
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## Target Details

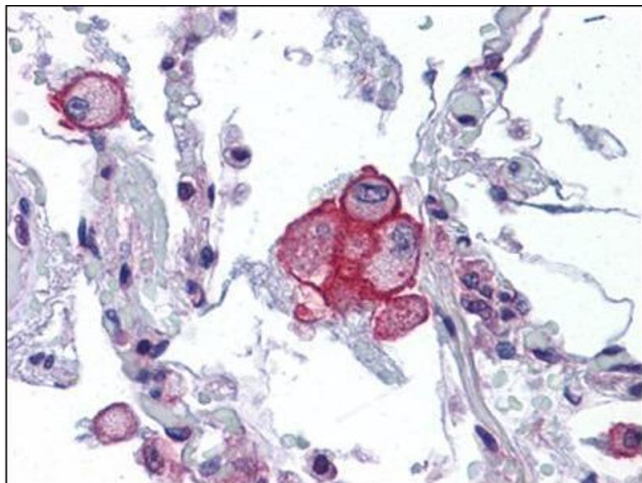
Alternative Name:	TRPV2 / VRL1 ( <a href="#">TRPV2 Products</a> )
Background:	Transient Receptor Potential Vanilloid (TRPV) channels are widely expressed in both sensory and nonsensory cells. TRPV2, a member of transient receptor potential ion channels, responds to high-threshold noxious heat (with a threshold of approximately 52 degrees C), but neither to capsaicin nor to proton. TRPV2 transcripts are not restricted to the sensory nervous system, indicating that this channel may be activated by stimuli other than heat. It has been proposed that responses to noxious heat involve these related, but distinct, ion-channel subtypes that together detect a range of stimulus intensities.Synonyms: OTRPC2, Osm-9-like TRP channel 2, Transient receptor potential cation channel subfamily V member 2, VRL, VRL-1, Vanilloid receptor-like protein 1
Gene ID:	51393
NCBI Accession:	<a href="#">NP_057197</a>
UniProt:	<a href="#">Q9Y5S1</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

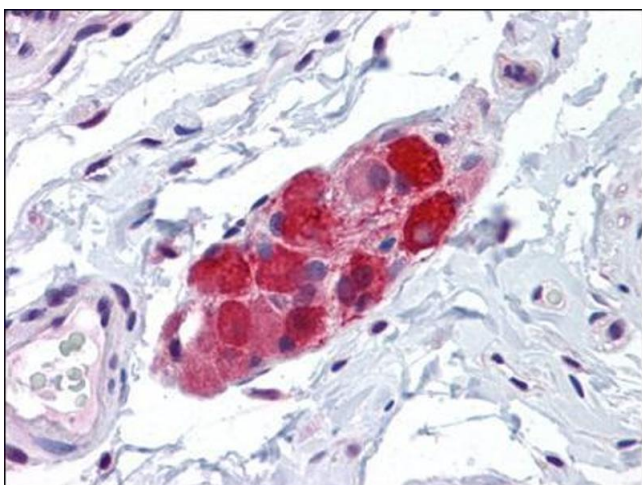
## Handling

Format:	Liquid
Concentration:	0.71 mg/mL
Buffer:	0.1 M Tris-glycine, pH 7, 10 % Glycerol containing 0.01 % Thimerosal as preservative
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains thimerosal (merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C



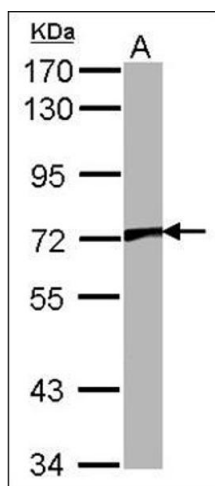
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Lung: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Small Intestine, submucosal plexus: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### Western Blotting

**Image 3.** Sample (30 µg of whole cell lysate). A: NIH-3T3. 7.5% SDS PAGE. VRL1 antibody. TRPV2 antibody diluted at 1:1000.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN615540.