

# TRPV2 Polyclonal antibody

Catalog Number: 15991-1-AP

1 Publications

## Basic Information

**Catalog Number:**

15991-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8864

**GenBank Accession Number:**

BC018926

**GeneID (NCBI):**

51393

**UNIPROT ID:**

Q9Y5S1

**Full Name:**

transient receptor potential cation channel, subfamily V, member 2

**Calculated MW:**

764 aa, 86 kDa

**Observed MW:**

90 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**Positive Controls:**

WB : Jurkat cells, K-562 cells

## Background Information

Transient receptor potential vanilloid 2 (TRPV2), also name as VRL-1, plays a critical role in neuronal development, cardiac function, immunity, and cancer (PMID: 31566564). It has been found to play an essential role in sustained intracellular Ca<sup>2+</sup> concentration increase (PMID: 31857697). It's reported that TRPV2 is activated by high temperatures, with a threshold of around 52 °C (PMID: 10201375). The calculated molecular of TRPV2 is 86 kDa, 15991-1-AP can detect the band around 90 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yi Huang	29531021	EMBO Mol Med	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20 °C storage

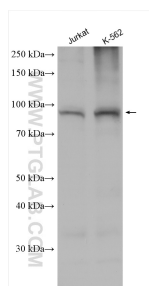
For technical support and original validation data for this product please contact:

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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15991-1-AP (TRPV2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.