

For Research Use Only

TRPV2 Polyclonal antibody

Catalog Number: 15991-1-AP

1 Publications



Basic Information

Catalog Number:

15991-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

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^{2+} 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

*** 20ul sizes contain 0.1%BSA

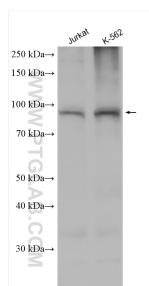
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.