

For Research Use Only

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:

Q9Y551

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 Ca²⁺ 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:

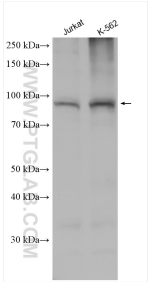
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Selected Validation Data



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.