

For Research Use Only

# TRPV2 Polyclonal antibody

Catalog Number: 15991-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 15991-1-AP	<b>GenBank Accession Number:</b> BC018926	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51393	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> transient receptor potential cation channel, subfamily V, member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 764 aa, 86 kDa	
<b>Immunogen Catalog Number:</b> AG8864	<b>Observed MW:</b> 90 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, K-562 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	

## 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

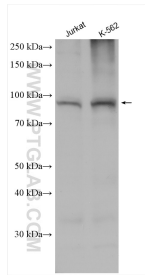
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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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.