

For Research Use Only

# TRPV4 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84091-5-PBS



## Basic Information

<b>Catalog Number:</b> 84091-5-PBS	<b>GenBank Accession Number:</b> NM_001177428.1	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 59341	<b>CloneNo.:</b> 241143C9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9HBA0	
<b>Isotype:</b> IgG	<b>Full Name:</b> transient receptor potential cation channel, subfamily V, member 4	
<b>Immunogen Catalog Number:</b> AG27253	<b>Calculated MW:</b> 98 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Background Information

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

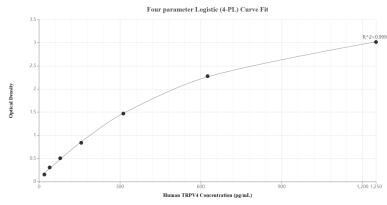
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

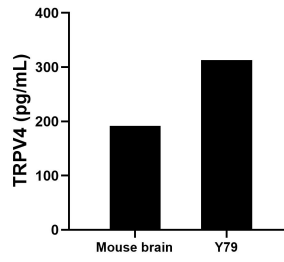
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP01010-3, Human TRPV4 Recombinant Matched Antibody Pair - PBS only. 84091-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag27253. 84091-5-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



The mean TRPV4 concentration was determined to be 191.6 pg/mL in mouse brain cell extract based on a 4.6 mg/mL extract load and 312.9 pg/mL in Y79 cell extract based on a 9.5 mg/mL extract load.