

For Research Use Only

# TMEM208 Polyclonal antibody

Catalog Number: 31728-1-AP



## Basic Information

<b>Catalog Number:</b> 31728-1-AP	<b>GenBank Accession Number:</b> BC003080	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 29100	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000 IHC: 1:200-1:800
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9BTX3	
<b>Immunogen Catalog Number:</b> AG35668	<b>Full Name:</b> transmembrane protein 208	
	<b>Calculated MW:</b> 173 aa, 20 kDa	
	<b>Observed MW:</b> 20 kDa	

## Applications

**Tested Applications:**  
WB, IHC, ELISA

**Species Specificity:**  
human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** 37°C incubated mouse brain tissue, 37°C incubated rat brain tissue

**IHC :** mouse stomach tissue,

## Background Information

Transmembrane protein 208 (TMEM208) can regulate both autophagy and ER stress. When overexpressed, TMEM208 impaired autophagy as characterized by the decrease of the accumulation of LC3-II, decreased degradation of autophagic substrates, and reduced expression of critical effectors and vital molecules of the ER stress and autophagy processes. (PMID: 23691174)

## Storage

**Storage:**

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

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

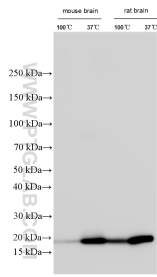
T: 4006900926

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

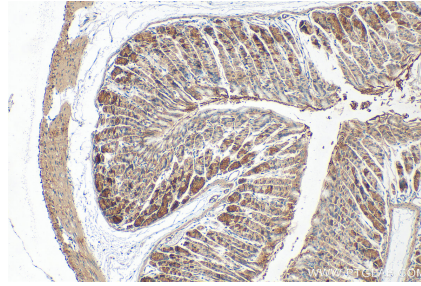
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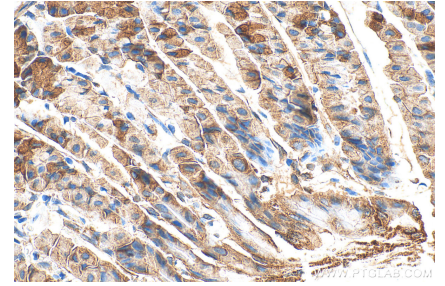
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31728-1-AP (TMEM208 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 31728-1-AP (TMEM208 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 31728-1-AP (TMEM208 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).