

For Research Use Only

TMEM208 Polyclonal antibody

Catalog Number: 31728-1-AP



Basic Information

Catalog Number: 31728-1-AP	GenBank Accession Number: BC003080	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 510 ug/ml by Nanodrop;	GeneID (NCBI): 29100	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9BTX3	
Isotype: IgG	Full Name: transmembrane protein 208	
Immunogen Catalog Number: AG35668	Calculated MW: 173 aa, 20 kDa	
	Observed MW: 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

*** 20ul sizes contain 0.1% BSA

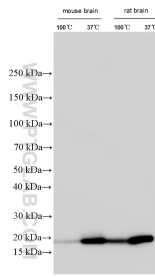
For technical support and original validation data for this product please contact:

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

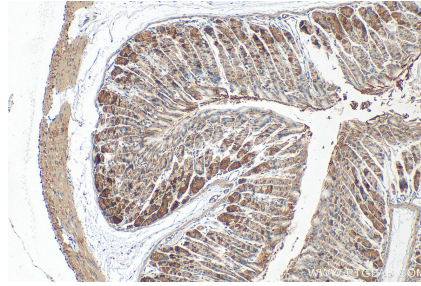
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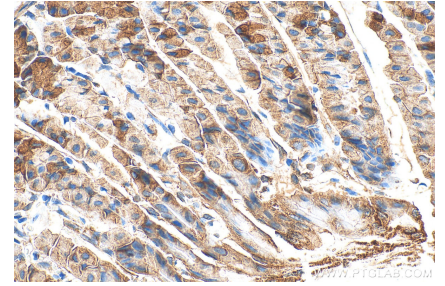
Selected Validation Data



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).