

For Research Use Only

TMEM258 Polyclonal antibody, PBS Only

Catalog Number:31525-1-PBS



Basic Information

Catalog Number: 31525-1-PBS	GenBank Accession Number: BC015968	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 746	
Source: Rabbit	UNIPROT ID: P61165	
Isotype: IgG	Full Name: chromosome 11 open reading frame 10	
Immunogen Catalog Number: AG35142	Observed MW: 10 and 16 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

TMEM258, or transmembrane protein 258, is a component of the oligosaccharyltransferase (OST) complex. Research has shown that TMEM258 is involved in controlling ER stress and intestinal inflammation. In particular, it has been identified as a central regulator of intestinal homeostasis. The loss of TMEM258 leads to unresolved ER stress, which can result in apoptosis (PMID: 27974209). The calculated MW is 9 kDa, The observed MW is multiple bands, which may be caused by Glycosylation modification.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

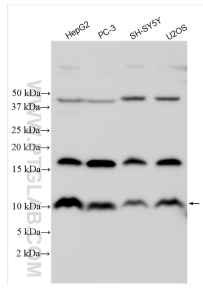
For technical support and original validation data for this product please contact:

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

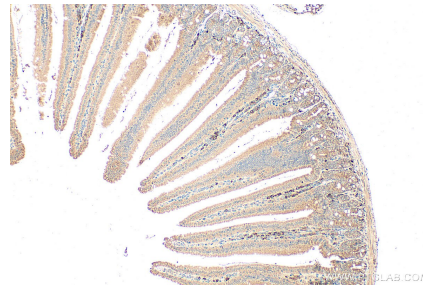
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

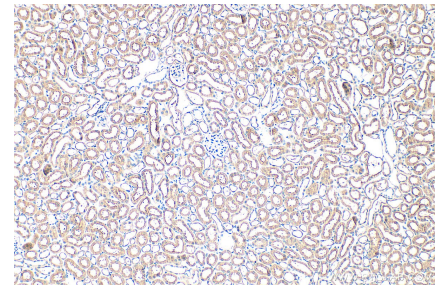
Selected Validation Data



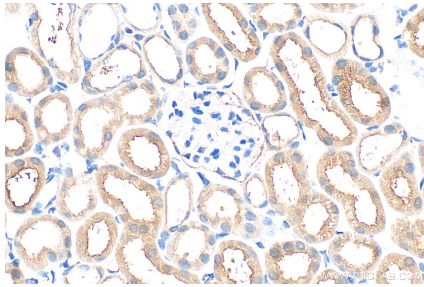
Various lysates were subjected to SDS PAGE followed by western blot with 31525-1-AP (TMEM258 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31525-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using 31525-1-AP (TMEM258 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31525-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31525-1-AP (TMEM258 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31525-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31525-1-AP (TMEM258 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31525-1-PBS in a different storage buffer formulation.