

For Research Use Only

Trypsin 2/PRSS2 Polyclonal antibody

Catalog Number:15005-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 15005-1-AP	GenBank Accession Number: BC030260	Purification Method: Antigen affinity purification
Size: 500 ug/ml	GeneID (NCBI): 5645	Recommended Dilutions: WB 1:500-1:3000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: P07478	
Isotype: IgG	Full Name: protease, serine, 2 (trypsin 2)	
Immunogen Catalog Number: AG6461	Calculated MW: 26 kDa	
	Observed MW: 26 kDa, 35 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : Raji cells, HepG2 cells, mouse thymus tissue IHC : human small intestine tissue,
Cited Applications: WB, IHC	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The human pancreas produces three isoforms of trypsinogen encoded by separate genes, the PRSS1 (protease, serine 1), PRSS2, and PRSS3 genes. PRSS2 is also named as TRY2(trypsin-2), TRYP2. In the ileum, it may be involved in defensin processing, including DEFA5. The preproprotein comprises 247 amino acids, including a 15-amino acid signal peptide and an 8-amino acid activation peptide.

Notable Publications

Author	Pubmed ID	Journal	Application
Yu Chen	36240716	Tissue Cell	WB,IHC
Tomoyuki Araki	36375250	Biochem Biophys Res Commun	IHC
Timothy L Hostelley	34125181	Biol Open	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

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

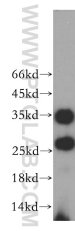
T: 4006900926

E: Proteintech-CN@ptglab.com

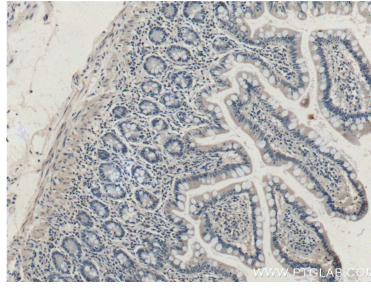
W: ptgcn.com

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

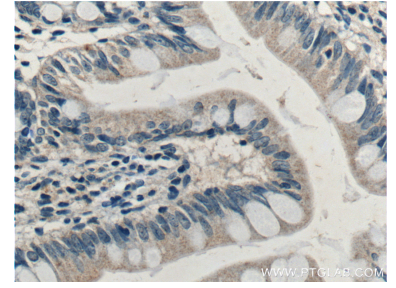
Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 15005-1-AP (PRSS2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 15005-1-AP (PRSS2 Antibody) at dilution of 1:400 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 15005-1-AP (PRSS2 Antibody) at dilution of 1:400 (under 40x lens).