

For Research Use Only

Trypsin 1/PRSS1 Polyclonal antibody, PBS Only

Catalog Number: 29790-1-PBS



Basic Information

Catalog Number: 29790-1-PBS	GenBank Accession Number: BC128226	Purification Method: Antigen affinity purification
Size: 1 mg/ml	GeneID (NCBI): 5644	
Source: Rabbit	UNIPROT ID: P07477	
Isotype: IgG	Full Name: protease, serine, 1 (trypsin 1)	
Immunogen Catalog Number: AG31383	Calculated MW: 27 kDa	

Applications

Tested Applications:
IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

PRSS1 encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7.

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:

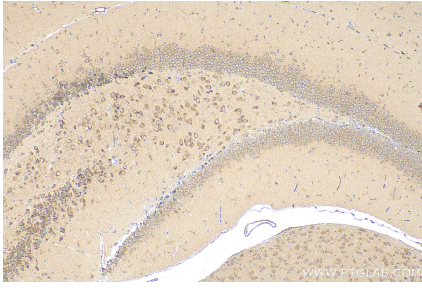
T: 4006900926

E: Proteintech-CN@ptglab.com

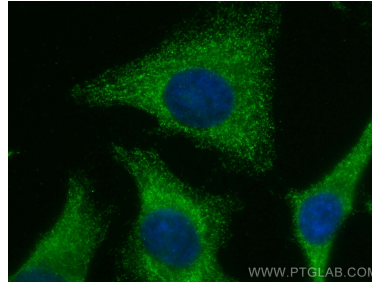
W: ptgcn.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29790-1-AP (PRSS1 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 29790-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using PRSS1 antibody (29790-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 29790-1-PBS in a different storage buffer formulation.