

PRSS3 Rabbit pAb

Catalog # AP99039

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P35030
Other Accession	P35030
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32529
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PRSS3
Epitope Specificity	101-200/304
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the peptidase S1 family. Contains 1 peptidase S1 domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Function; Digestive protease specialized for the degradation of trypsin inhibitors. Tissue specificity; Pancreas and brain. Sequence similarities; Belongs to the peptidase S1 family. Contains 1 peptidase S1 domain. Cellular localization; Secreted.

Additional Information

Gene ID	5646
Other Names	MTG; PRSS4; T9; TRY3; TRY4; Tb; Prss3; TRY3_HUMAN; Brain trypsinogen; Mesotrypsin; Mesotrypsinogen; Serine protease 3; Serine protease 4; Trypsin III; Trypsin IV; 3.4.21.4; TRY3_RAT; Cationic trypsin III; Pretrypsinogen III; protease, serine, 4 (trypsin 4, brain); protease, serine, 3 (mesotrypsin); protease, serine 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PRSS3
Synonyms	PRSS4, TRY3, TRY4

Function	Digestive protease that cleaves proteins preferentially after an Arg residue and has proteolytic activity toward Kunitz-type trypsin inhibitors.
Cellular Location	Secreted.
Tissue Location	Detected in pancreas and pancreatic fluid (at protein level) (PubMed:6698368). Expressed in pancreas and brain (PubMed:8294000). Detected in ileum (PubMed:12021776)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.