10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PRSS3 Rabbit pAb

Catalog # AP99039

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P35030
Other Accession	P35030
Reactivity	Human, Mouse
Predicted	Rat
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'.