

Rabbit anti-Human PRSS3 Polyclonal Antibody | anti-PRSS3 antibody

PRSS3 Antibody (N-term)

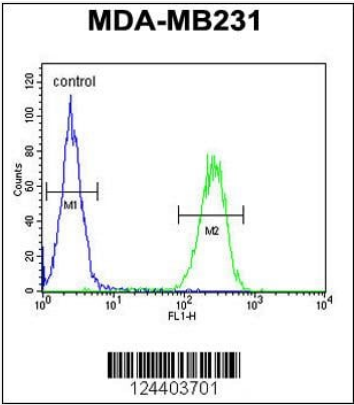
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283949	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

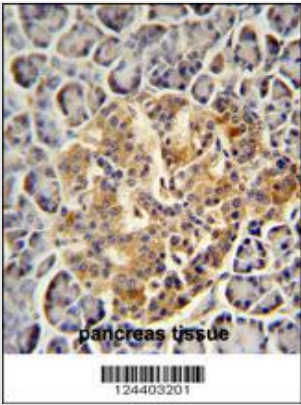
PRSS3; Polyclonal Antibody; PRSS3 Antibody (N-term); Trypsin-3; Brain trypsinogen; Mesotrypsinogen; Serine protease 3; Serine protease 4; Trypsin III; Trypsin IV; PRSS4; TRY3; TRY4; anti-PRSS3 antibody

PRODUCT SPECIFICATIONS

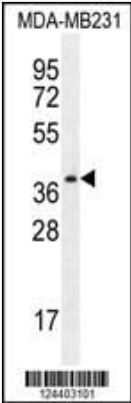
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRSS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-40 amino acids from the N-terminal region of human PRSS3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	13-40
Sequence Length	261
Applicable Applications for anti-PRSS3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PRSS3 Antibody (N-term) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
PRSS3 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PRSS3 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PRSS3 Antibody (N-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the PRSS3 antibody detected the PRSS3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS3 antibody	PRSS3 encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. PRSS3 is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene.
Product Categories/Family for anti-PRSS3 antibody	Cancer; Cell Biology; Signal transduction
References	Jiang, G., et al. Gut 59(11):1535-1544(2010) Nakanishi, J., et al. J. Invest. Dermatol. 130(4):944-952(2010) Salameh, M.A., et al. J. Biol. Chem. 285(3):1939-1949(2010) Rosendahl, J., et al. Pancreatology 10 (2-3), 243-249 (2010) : Koistinen, H., et al. Neuroscience 160(1):97-102(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	342672030
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NCBI GeneID	5646
NCBI Accession #	NP_001184026.2; NP_002762.2; NP_031369.2
NCBI GenBank Nucleotide #	NM_001197097.2
UniProt Accession #	P35030; P15951; Q15665; Q5VXV0; Q6ISJ4; Q9UQV3; A8CED1; A8CED3; A9Z1Y4; E7ES07; F8W7P3
Molecular Weight	32529
NCBI Official Full Name	trypsin-3 isoform 3 preproprotein
NCBI Official Synonym Full Names	protease, serine, 3
NCBI Official Symbol	PRSS3
NCBI Official Synonym Symbols	T9; MTG; TRY3; TRY4; PRSS4
NCBI Protein Information	trypsin-3
UniProt Protein Name	Trypsin-3
UniProt Gene Name	PRSS3
UniProt Synonym Gene Names	PRSS4; TRY3; TRY4
UniProt Entry Name	TRY3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/prss3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283949>