

Rabbit anti-Human PRSS2 Monoclonal Antibody | anti-PRSS2 antibody

PRSS2 Rabbit mAb

CATALOG # AAA282722	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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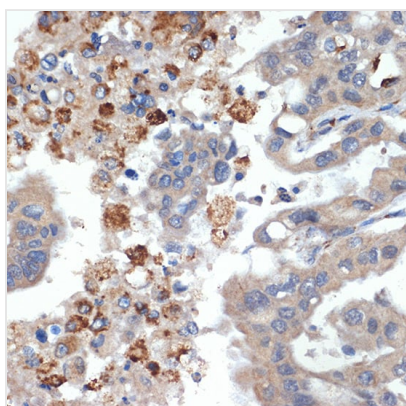
PRODUCT SYNONYMS

PRSS2; Monoclonal Antibody; PRSS2 Rabbit mAb; TRY2; TRY8; TRYP2; anti-PRSS2 antibody

PRODUCT SPECIFICATIONS

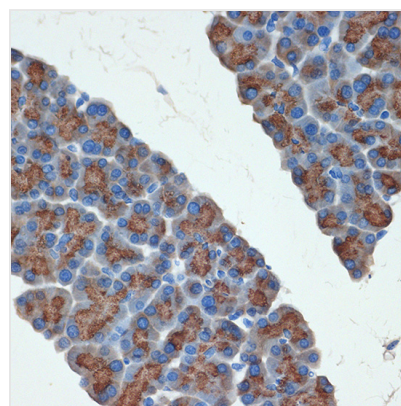
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MNLLLILTFV AAAVAAPFDD DDKIVGGYIC EENSVPYQVS LNSGYHFCGG SLISEQWVVS AGHCYKSRIQ VRLGEHNIEV LEGNEQFINA AKIIRHPKYN
Applicable Applications for anti-PRSS2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PRSS2 (P07478).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



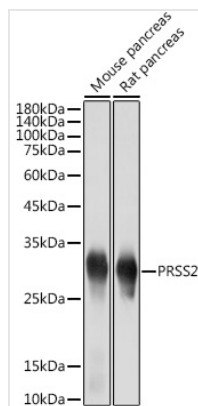
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver cancer using PRSS2 Rabbit mAb (AAA282722) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat pancreas using PRSS2 Rabbit mAb (AAA282722) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using PRSS2 Rabbit mAb (AAA282722) at 1:5000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS2 antibody

This gene belongs to the trypsin family of serine proteases and encodes anionic trypsinogen. It is part of a cluster of trypsinogen genes that are located within the T cell receptor beta locus. Enzymes of this family cleave peptide bonds that follow lysine or arginine residues. This protein is found at high levels in pancreatic juice and its upregulation is a characteristic feature of pancreatitis. This protein has also been found to activate pro-urokinase in ovarian tumors, suggesting a function in tumor invasion. In addition, this enzyme is able to cleave across the type II collagen triple helix in rheumatoid arthritis synovitis tissue, potentially participating in the degradation of type II collagen-rich cartilage matrix. Alternative splicing results in multiple transcript variants.

Product Categories/Family for anti-PRSS2 antibody

[Cell Biology](#) [Developmental Biology](#); [Ubiquitin](#); [Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119572308
NCBI GeneID	5645
UniProt Accession #	P07478
Molecular Weight	Calculated MW: 26kDa Observed MW: 30kDa
UniProt Protein Name	Trypsin-2
UniProt Gene Name	PRSS2
UniProt Synonym Gene Names	TRY2; TRYP2
UniProt Entry Name	TRY2_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/monoclonal/prss2-antibody-immunohistochemistry-western-blot-elisa/282722>