

Rabbit PRSS1 Polyclonal Antibody | anti-PRSS1 antibody

PRSS1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201044	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot

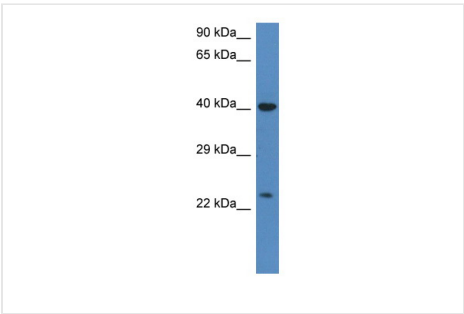
PRODUCT SYNONYMS

PRSS1; Polyclonal Antibody; PRSS1 antibody - C-terminal region; anti-PRSS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: FC VGFLEGGKDS CQGDSGGPVV CNGQLQGVVS WGDGCAQKNK PGVYTKVY
Sequence Length	247
Applicable Applications for anti-PRSS1 antibody	WB (Western Blot)
Predicted Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%; Zebrafish: 86%
Protein Size (# AA)	247 amino acids
Protein Interactions	CEP250; LGR4; ALB; DDX5; UBC; SPINK5; SERPINB13; SERPINB8; DEFA5; SERPINA1; SERPINF2; TST; PTPN4;
Blocking Peptide	For anti-PRSS1 antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-PRSS1 Antibody Titration: 1.0 ug/ml Positive Control: HT1080 Whole Cell

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS1 antibody	Target Description: This gene 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.
Product Categories/Family for anti-PRSS1 antibody	Polyclonal; Lymphocyte Signaling; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506145
NCBI GeneID	5644
NCBI Accession #	NP_002760
NCBI GenBank Nucleotide #	NM_002769
UniProt Accession #	P07477
Molecular Weight	24kDa
NCBI Official Full Name	trypsin-1 preproprotein
NCBI Official Synonym Full Names	serine protease 1
NCBI Official Symbol	PRSS1
NCBI Official Synonym Symbols	TRP1; TRY1; TRY4; TRYP1
NCBI Protein Information	trypsin-1
UniProt Protein Name	Trypsin-1
UniProt Gene Name	PRSS1
UniProt Synonym Gene Names	TRP1; TRY1; TRYP1
UniProt Entry Name	TRY1_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.