

Rabbit PRSS8 Polyclonal Antibody | anti-PRSS8 antibody

PRSS8 Antibody

CATALOG # AAA323048	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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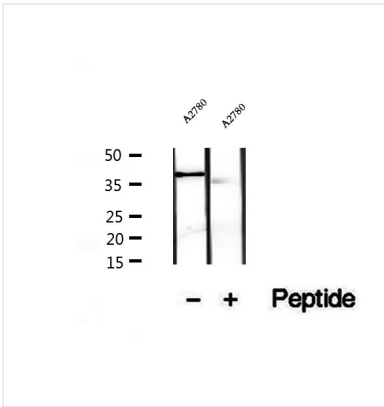
PRODUCT SYNONYMS

PRSS8; Polyclonal Antibody; PRSS8 Antibody; 2410039E18Rik; AI313909; C79772; CAP1; Channel Activating Protease 1; mCAP1; Prostasin; Prostasin heavy chain; protease; serine; 8; Prss8; PRSS8_HUMAN; Serine protease 8; anti-PRSS8 antibody

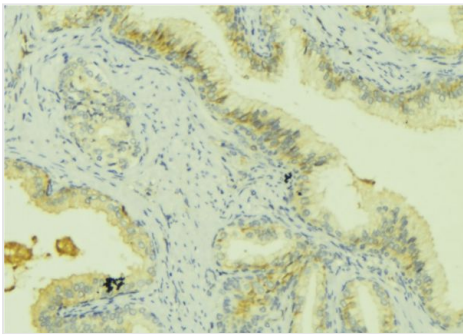
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PRSS8 antibody detects endogenous levels of PRSS8.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	343
Applicable Applications for anti-PRSS8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PRSS8.
Subcellular Location	Cell Membrane and Secreted > Extracellular Space. Found in the seminal fluid. Secreted after cleavage of its C-terminus.
Tissue Specificity	Found in prostate, liver, salivary gland, kidney, lung, pancreas, colon, bronchus and renal proximal tubular cells. In the prostate gland it may be synthesized in epithelial cells, secreted into the ducts, and excreted into the seminal fluid.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of A2780 cells, using PRSS8 antibody.



IHC (Immunohistochemistry)
AAA323048 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS8 antibody	Function: Possesses a trypsin-like cleavage specificity with a preference for poly-basic substrates. Stimulates epithelial sodium channel (ENaC) activity through activating cleavage of the gamma subunits (SCNN1G). Subunit Structure: Heterodimer of two chains, light and heavy, held by a disulfide bond. Similarity: Belongs to the peptidase S1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506153
NCBI GeneID	5652
NCBI Accession #	NP_002764.1
NCBI GenBank Nucleotide #	NM_002773.4
UniProt Accession #	Q16651; Q9UCA3; B4DWP2
Molecular Weight	Observed: 39 kDa Predicted: 37 kDa
NCBI Official Full Name	prostasin preproprotein
NCBI Official Synonym Full Names	serine protease 8
NCBI Official Symbol	PRSS8
NCBI Official Synonym Symbols	CAP1; PROSTASIN
NCBI Protein Information	prostasin
UniProt Protein Name	Prostasin
UniProt Gene Name	PRSS8
UniProt Synonym Gene Names	CAP1

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.