

Rabbit PRSS8 Polyclonal Antibody | anti-PRSS8 antibody

PRSS8 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281658	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

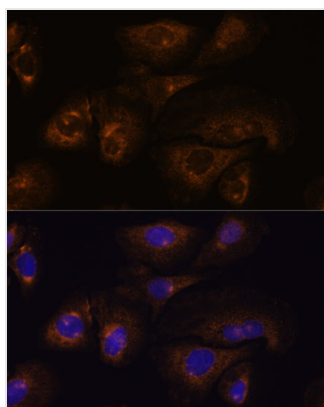
PRODUCT SYNONYMS

PRSS8; Polyclonal Antibody; PRSS8 Rabbit pAb; CAP1; PROSTASIN; prostatin; anti-PRSS8 antibody

PRODUCT SPECIFICATIONS

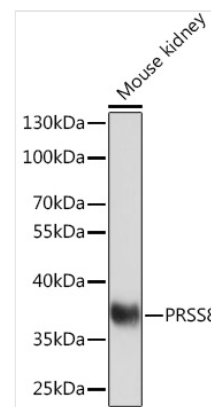
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	TCNCLYNIDA KPEEPHFVQE DMVCAGYVEG GKDACQGDSG GPLSCPVEGL WYLTGIVSWG DACGARNRPG VYTLASSYAS WIQSKVTELQ PRVVPQTQES QPDSNLCGSH LAFSSAPAQG LLRPILFLPL GLALGLLSPW LSEH
Applicable Applications for anti-PRSS8 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human PRSS8 (NP_002764.1).
Cellular Location	Cell membrane, Secreted, Single-pass membrane protein, extracellular space, extracellular space
Positive Samples	Mouse kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using PRSS8 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Mouse kidney, using PRSS8 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP 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: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS8 antibody	Background: This gene encodes a member of the peptidase S1 or chymotrypsin family of serine proteases. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate via a disulfide bond to form the heterodimeric enzyme. This enzyme is highly expressed in prostate epithelia and is one of several proteolytic enzymes found in seminal fluid. This protease exhibits trypsin-like substrate specificity, cleaving protein substrates at the carboxyl terminus of lysine or arginine residues. The encoded protease partially mediates proteolytic activation of the epithelial sodium channel, a regulator of sodium balance, and may also play a role in epithelial barrier formation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119572541
NCBI GeneID	5652
UniProt Accession #	Q16651; Q9UCA3
Molecular Weight	36,431 Da
NCBI Official Full Name	protease, serine, 8 (prostasin), isoform CRA_b, partial
NCBI Official Synonym Full Names	protease, serine, 8
NCBI Official Symbol	PRSS8
NCBI Official Synonym Symbols	CAP1; PROSTASIN
NCBI Protein Information	prostasin; serine protease 8; channel-activating protease 1
UniProt Protein Name	Prostasin
UniProt Gene Name	PRSS8
UniProt Synonym Gene Names	CAP1
UniProt Entry Name	PRSS8_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://www.aaabiotech.com/polyclonal/prss8-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281658>