

Rabbit anti-Human PRSS33 Polyclonal Antibody | anti-PRSS33 antibody

PRSS33 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325111	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

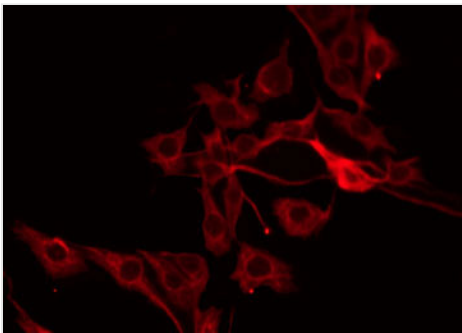
PRODUCT SYNONYMS

PRSS33; Polyclonal Antibody; PRSS33 Antibody; PRS33_HUMAN; Prss33; Serine protease 33; Serine protease EOS; anti-PRSS33 antibody

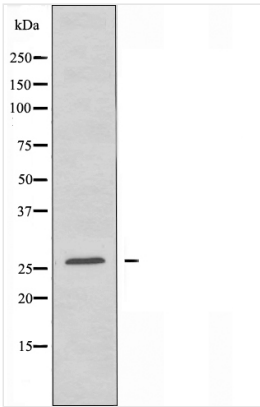
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	PRSS33 antibody detects endogenous levels of total PRSS33
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	280
Applicable Applications for anti-PRSS33 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Secreted.
Tissue Specificity	Predominantly expressed in macrophages. Present in the spleen, small and large intestine, lung and brain (at protein level). Highly expressed in peripheral leukocytes, ovary, retina, spleen and stomach. Moderately expressed in thymus, uterus and platelets, as well as some brain tissues, such as thalamus and fetal brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit
Similarity	Pig (82%), Bovine (82%), Horse (82%), Rabbit (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325111 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from 293 cells using PRSS33 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRSS33 antibody	Function: Serine protease that has amidolytic activity, cleaving its substrates before Arg residues. Similarity: Belongs to the peptidase S1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117956391
NCBI GeneID	260429
NCBI Accession #	NP_690851.2
NCBI GenBank Nucleotide #	NM_152891.2
UniProt Accession #	Q8NF86; Q8N171; A6NNQ3
Molecular Weight	Observed: 26 kD Predicted: 30 kDa
NCBI Official Full Name	serine protease 33
NCBI Official Synonym Full Names	serine protease 33
NCBI Official Symbol	PRSS33
NCBI Official Synonym Symbols	EOS
NCBI Protein Information	serine protease 33
UniProt Protein Name	Serine protease 33
UniProt Gene Name	PRSS33

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.