PRSS33 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRSS33, Polyclonal Antibody
Full Product Name	PRSS33 Conjugated Antibody
Product Gene Name	anti-PRSS33 antibody
Product Synonym Names	Serine protease 33 [Precursor]; EC 3.4.21.-; Serine protease EOS; PRSS33
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total PRSS33 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	29,787 Da
Chromosome Location	Chromosome: 16; NC_000016.9 (2833954..2836708, complement). Location: 16p13.3
OMIM	613797
3D Structure	ModBase 3D Structure for Q8NF86
Immunogen	Synthesized peptide derived from internal of human PRSS33.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-PRSS33 antibody	Most Applications
Application Notes for anti-PRSS33 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-PRSS33 antibody	Serine protease that has amidolytic activity, cleaving its substrates before Arg residues.
Other Notes	Small volumes of anti-PRSS33 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PRSS33 purchase	MBS9445743 is an antibody targeting PRSS33. Also known as PRSS33 Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRSS33. It may not necessarily be applicable to this product.

NCBI GI #	117956391
NCBI GeneID	260429
NCBI Accession #	NP_690851.2
UniProt Primary Accession #	Q8NF86
UniProt Secondary Accession #	Q8N171; A6NNQ3
UniProt Related Accession #	Q8NF86
GenBank Nucleotide #	NM_152891.2
NCBI Official Full Name	serine protease 33
NCBI Official Synonym Full Names	protease, serine, 33
NCBI Official Symbol	PRSS33
NCBI Official Synonym Symbols	EOS
UniProt Protein Name	Serine protease 33
UniProt Synonym Protein Names	Serine protease EOS
Protein Family	Serine protease
UniProt Gene Name	PRSS33
UniProt Entry Name	PRS33_HUMAN
NCBI Protein Information	serine protease 33; serine protease EOS
UniProt Comments for PRSS33	PRSS33: Serine protease that has amidolytic activity, cleaving its substrates before Arg residues. Belongs to the peptidase S1 family. Protein type: Protease; EC 3.4.21.-; Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: extracellular space Molecular Function: serine-type endopeptidase activity Biological Process: proteolysis
Research Articles on PRSS33	**1.** highly expressed in spleen and moderately expressed in intestine, colon, lung and brain
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