PRSS33 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRSS33, Polyclonal Antibody
Full Product Name	PRSS33 (Serine Protease 33, 3421-, Serine Protease EOS, PRSS33) (AP)
Product Gene Name	anti-PRSS33 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human PRSS33. Species Crossreactivity: human
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
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	KLH conjugated synthetic peptide corresponding to aa105-128 at the Central region of human PRSS33.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-PRSS33 antibody	Antibodies; Enzymes; Protease (Proteinase; Peptidase)
Applications Tested/Suitable for anti-PRSS33 antibody	Western Blot (WB)
Application Notes for anti-PRSS33 antibody	WB: 1:2000 Applications are based on unconjugated antibody.
Related Product Information for anti-PRSS33 antibody	MBS6458494 is an antibody targeting PRSS33. Also known as PRSS33 (Serine Protease 33, 3421-, Serine Protease EOS, PRSS33) (AP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-PRSS33 antibody	Chen C., et al. Biochem. J. 374:97-107(2003). Martin J., et al. Nature 432:988-994(2004). Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
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.

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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