PRSS56 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PRSS56, Polyclonal Antibody
Full Product Name	PRSS56 Antibody, FITC conjugated
Product Gene Name	anti-PRSS56 antibody
Product Synonym Names	Serine protease 56; PRSS56
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PRSS56 (MBS7049803) FITC Conjugated Antibody: PRSS56 (MBS7049805)
Molecular Weight	64,597 Da
OMIM	AC092165 Genomic DNA
3D Structure	ModBase 3D Structure for P0CW18
Immunogen	Recombinant Human Serine protease 56 protein (36-116AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	FITC
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PRSS56 antibody	ELISA (EIA)
Related Product Information for anti-PRSS56 antibody	MBS7049805 is an antibody targeting PRSS56. Also known as PRSS56 Antibody, FITC conjugated. Reactive in Human. Host: Rabbit. Serine protease required during eye development.
Other Notes	Small volumes of anti-PRSS56 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 PRSS56. It may not necessarily be applicable to this product.

NCBI GI #	304376266
NCBI GeneID	646960
NCBI Accession #	NP_001182058.1

UniProt Primary Accession #	P0CW18
UniProt Related Accession #	P0CW18
GenBank Nucleotide #	NM_001195129.1
NCBI Official Full Name	serine protease 56
NCBI Official Synonym Full Names	protease, serine 56
NCBI Official Symbol	PRSS56
NCBI Official Synonym Symbols	MCOP6
UniProt Protein Name	Serine protease 56
Protein Family	Serine protease
UniProt Gene Name	PRSS56
UniProt Entry Name	PRS56_HUMAN
NCBI Protein Information	serine protease 56
NCBI Summary for PRSS56	This gene encodes a protein that contains a peptidase S1 domain and possesses trypsin-like serine protease activity. The encoded protein may play a role in eye development, and mutations in this gene are a cause of autosomal recessive posterior microphthalmos. [provided by RefSeq, Dec 2011]
UniProt Comments for PRSS56	PRSS56: Serine protease required during eye development. Belongs to the peptidase S1 family Chromosomal Location of Human Ortholog: 2q37.1 Cellular Component: endoplasmic reticulum Molecular Function: serine-type endopeptidase activity Biological Process: camera-type eye development; proteolysis Disease: Microphthalmia, Isolated 6
Research Articles on PRSS56	**1.** variations in PRSS56 were evaluated in patients with either primary angle-closure glaucoma (PACG) or high hyperopia.
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