TMPRSS7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TMPRSS7, Polyclonal Antibody
Full Product Name	TMPRSS7 Antibody; FITC conjugated
Product Gene Name	anti-TMPRSS7 antibody
Product Synonym Names	Transmembrane protease serine 7; Matriptase-3; TMPRSS7
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.
Matching Pairs	Unconjugated Antibody: TMPRSS7 (MBS7001784) FITC Conjugated Antibody: TMPRSS7 (MBS7003629)
Molecular Weight	64,025 Da
3D Structure	ModBase 3D Structure for Q7RTY8
Immunogen	Recombinant human Transmembrane protease serine 7 protein
Conjugation	FITC
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TMPRSS7 antibody	ELISA (EIA)
Related Product Information for anti-TMPRSS7 antibody	Serine protease which preferentially hydrolyzes peptides with Arg at the P1 position.
Other Notes	Small volumes of anti-TMPRSS7 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 TMPRSS7 purchase	MBS7003629 is an antibody targeting TMPRSS7. Also known as TMPRSS7 Antibody; FITC conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TMPRSS7. It may not necessarily be applicable to this product.

NCBI GI #	222831592
NCBI GeneID	344805
NCBI Accession #	NP_001036040.2

UniProt Primary Accession #	Q7RTY8
UniProt Secondary Accession #	Q17RH4; C9J8P7; E9PAS3
UniProt Related Accession #	Q7RTY8
GenBank Nucleotide #	NM_001042575.2
NCBI Official Full Name	transmembrane protease serine 7
NCBI Official Synonym Full Names	transmembrane protease, serine 7
NCBI Official Symbol	TMPRSS7
UniProt Protein Name	Transmembrane protease serine 7
UniProt Synonym Protein Names	Matriptase-3
Protein Family	Transmembrane protease serine
UniProt Gene Name	TMPRSS7
UniProt Entry Name	TMPS7_HUMAN
NCBI Protein Information	transmembrane protease serine 7
UniProt Comments for TMPRSS7	TMPRSS7: Serine protease which preferentially hydrolyzes peptides with Arg at the P1 position. Belongs to the peptidase S1 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Protease; Membrane protein, integral; EC 3.4.21.- Chromosomal Location of Human Ortholog: 3q13.2 Cellular Component: integral to membrane; plasma membrane Molecular Function: serine-type endopeptidase activity; serine-type peptidase activity Biological Process: proteolysis
Research Articles on TMPRSS7	**1.** Single nucleotide polymorphism in TMPRSS7(rs2399403) is significantly associated with breast cancer risk.
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