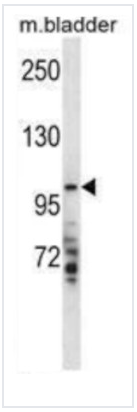
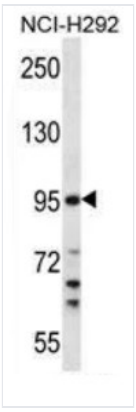
TMPRSS7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TMPRSS7, Polyclonal Antibody
Full Product Name	TMPRSS7, NT (TMPRSS7, Transmembrane protease serine 7, Matriptase-3)
Product Gene Name	anti-TMPRSS7 antibody
Product Synonym Names	Anti -TMPRSS7, NT (TMPRSS7, Transmembrane protease serine 7, Matriptase-3)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A and peptide affinity chromatography.
Specificity	Recognizes human TMPRSS7
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	Chromosome: 3; NC_000003.11 (111758465..111800116). Location: 3q13.2
3D Structure	ModBase 3D Structure for Q7RTY8
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 103-132 in the N-terminal region of human TMPRSS7.
Species Sequence Homology	Rat
Crossreactivity	Mouse
Product Categories/Family for anti-TMPRSS7 antibody	Antibodies; Abs to Transmembrane Proteins
Applications Tested/Suitable for anti-TMPRSS7 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-TMPRSS7 antibody	Optimal dilutions to be determined by the researcher
Related Product Information for anti-TMPRSS7 antibody	Serine protease which preferentially hydrolyzes peptides with Arg at the P1 position (By similarity).
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	MBS6000890 is an antibody targeting TMPRSS7. Also known as TMPRSS7, NT (TMPRSS7, Transmembrane protease serine 7, Matriptase-3). Host: Rabbit.



Western Blot (WB) of anti-TMPRSS7 antibody
TMPRSS7 Antibody (N-term) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the TMPRSS7 antibody detected the TMPRSS7 protein (arrow).



Western Blot (WB) of anti-TMPRSS7 antibody
TMPRSS7 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the TMPRSS7 antibody detected the TMPRSS7 protein (arrow).

ADDITIONAL DETAILS

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

NCBI GI #	109658564
NCBI GeneID	344805
NCBI Accession #	AAI17323.1
UniProt Primary Accession #	Q7RTY8
UniProt Secondary Accession #	Q17RH4; C9J8P7; E9PAS3
UniProt Related Accession #	Q7RTY8
NCBI Official Full Name	TMPRSS7 protein
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; matriptase-3; transmembrane serine protease 7; type II transmembrane serine protease 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: EC 3.4.21.-; Membrane protein, integral; Protease Chromosomal Location of Human Ortholog: 3q13.2 Cellular Component: plasma membrane; integral to membrane Molecular Function: serine-type peptidase activity; serine-type endopeptidase activity Biological Process: proteolysis

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-antibody/tmprss7/6000890