

Rabbit anti-Human TMPRSS13 Polyclonal Antibody | anti-TMPRSS13 antibody

TMPRSS13 Antibody (C-term)

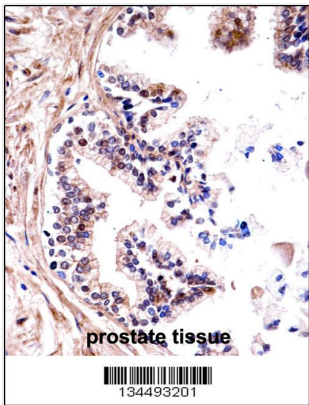
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287637	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

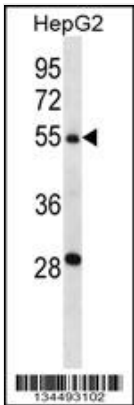
TMPRSS13; Polyclonal Antibody; TMPRSS13 Antibody (C-term); Transmembrane protease serine 13; 3421-; Membrane-type mosaic serine protease; Mosaic serine protease; MSP; TMPRSS11; anti-TMPRSS13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TMPRSS13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 431-460 amino acids from the C-terminal region of human TMPRSS13.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	431-460
Sequence Length	491
Applicable Applications for anti-TMPRSS13 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Cellular Location	Membrane; Single-pass type II membrane protein
Tissue Location	Isoform 1 and isoform 3 are predominantly expressed in lung, placenta, pancreas, and prostate. Isoform 3 is weakly expressed in testis and peripheral blood lymphocytes
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
TMPRSS13 Antibody (C-term) (AAA287637) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TMPRSS13 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
TMPRSS13 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the TMPRSS13 antibody detected the TMPRSS13 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS13 antibody	TMPRSS13 is a cell membrane serine protease. It is a member of a larger family of membrane attached serine proteases, a poorly defined group that includes TMPRSS11A, B, C, D, E, F, Hepsin, Corin, Matrilysin 1, 2 and 3. TMPRSS13 has a domain structure of an aminoterminal cytoplasmic domain, which is much longer than the other TMPRSS family members, followed by a transmembrane domain, an SRCR domain (Scavenger receptor cysteine rich), an LDL receptor like domain, another SRCR domain, followed by the trypsin like serine protease domain. The cytoplasmic domain contains a number of tandem repeat elements, the function of which is not clear, but which may play a regulatory role.
Product Categories/Family for anti-TMPRSS13 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	332164762
NCBI GeneID	84000
NCBI Accession #	NP_001193719.1; NP_001231924.1
NCBI GenBank Nucleotide #	NM_001206790.1
UniProt Accession #	Q9BYE2; Q86YM4; Q96JY8; Q9BYE1; B4DTM9; E9PIJ5; F8WAJ3
Molecular Weight	Calculated MW: 63167
NCBI Official Full Name	transmembrane protease serine 13 isoform 3
NCBI Official Synonym Full Names	transmembrane protease, serine 13
NCBI Official Symbol	TMPRSS13
NCBI Official Synonym Symbols	MSP; MSPL; MSPS; TMPRSS11
NCBI Protein Information	transmembrane protease serine 13
UniProt Protein Name	Transmembrane protease serine 13
UniProt Gene Name	TMPRSS13
UniProt Synonym Gene Names	MSP; TMPRSS11; Mosaic serine protease
UniProt Entry Name	TMPRSS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/tmprss13-antibody-immunohistochemistry-western-blot-elisa/287637>