

Rabbit TMPRSS11D Polyclonal Antibody | anti-TMPRSS11D antibody

TMPRSS11D antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199701	Rabbit	Guinea Pig, Horse, Human, Rabbit	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

TMPRSS11D; Polyclonal Antibody; TMPRSS11D antibody - N-terminal region; anti-TMPRSS11D antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Guinea Pig, Horse, Human, Rabbit
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RS SFQLLNVEYN SQLNSPATQE YRTLSGRIES LITKTFKESN LRNQFIRA
Sequence Length	418
Applicable Applications for anti-TMPRSS11D antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Guinea Pig: 79%; Horse: 79%; Human: 100%; Rabbit: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPRSS11D
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Antibody Titration: 2.5 ug/ml Positive Control: HepG2


IHC (Immunohistochemistry)

Human Lung

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS11D antibody	This is a rabbit polyclonal antibody against TMPRSS11D. It was validated on Western Blot and immunohistochemistry Target Description: TMPRSS11D is a trypsin-like serine protease released from the submucosal serous glands onto mucous membrane. It is a type II integral membrane protein and has 29-38% identity in the sequence of the catalytic region with human hepsin, enteropeptidase, acrosin, and mast cell tryptase. The noncatalytic region has little similarity to other known proteins. This protein may play some biological role in the host defense system on the mucous membrane independently of or in cooperation with other substances in airway mucous or bronchial secretions.This gene encodes a trypsin-like serine protease released from the submucosal serous glands onto mucous membrane. It is a type II integral membrane protein and has 29-38% identity in the sequence of the catalytic region with human hepsin, enteropeptidase, acrosin, and mast cell tryptase. The noncatalytic region has little similarity to other known proteins. This protein may play some biological role in the host defense system on the mucous membrane independently of or in cooperation with other substances in airway mucous or bronchial secretions.
Product Categories/Family for anti-TMPRSS11D antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758508
NCBI GeneID	9407
NCBI Accession #	NP_004253
NCBI GenBank Nucleotide #	NM_004262
UniProt Accession #	O60235
Molecular Weight	46kDa
NCBI Official Full Name	transmembrane protease serine 11D
NCBI Official Synonym Full Names	transmembrane serine protease 11D
NCBI Official Symbol	TMPRSS11D
NCBI Official Synonym Symbols	HAT
NCBI Protein Information	transmembrane protease serine 11D
UniProt Protein Name	Transmembrane protease serine 11D
UniProt Gene Name	TMPRSS11D
UniProt Synonym Gene Names	HAT
UniProt Entry Name	TM11D_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmpRSS11d-antibody-western-blot-immunohistochemistry-elisa/199701>