

TMPRSS11D polyclonal antibody

Catalog # PAB16634

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TMPRSS11D.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human TMPRSS11D.
Sequence	C-HNNYKSATHEND
Host	Goat
Theoretical MW (kDa)	46.3
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TMPRSS11D

Entrez GeneID	9407
Protein Accession#	NP_004253.1
Gene Name	TMPRSS11D
Gene Alias	HAT, MGC150587, MGC150588
Gene Description	transmembrane protease, serine 11D
Omim ID	605369
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a trypsin-like serine protease released from the submucosal serous glands on to 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. [provided by RefSeq]</p>
Other Designations	airway trypsin like protease airway trypsin-like protease

Publication Reference

- [Proteolytic activation of influenza viruses by serine proteases TMPRSS2 and HAT from human airway epithelium.](#)

Bottcher E, Matrosovich T, Beyerle M, Klenk HD, Garten W, Matrosovich M.

Journal of Virology 2006 Oct; 80(19):9896.