

Datasheet for ABIN2782621

anti-TMPRSS11D antibody (N-Term)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TMPRSS11D
Binding Specificity:	N-Term
Reactivity:	Human, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS11D antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPRSS11D
Sequence:	RSSFQLLNVE YNSQLNSPAT QEYRTLSGRI ESLITKTFKE SNLRNQFIRA
Predicted Reactivity:	Guinea Pig: 79%, Horse: 79%, Human: 100%, Rabbit: 79%
Characteristics:	This is a rabbit polyclonal antibody against TMPRSS11D. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	TMPRSS11D
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Target Details

Alternative Name:	TMPRSS11D (TMPRSS11D Products)
Background:	<p>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.</p> <p>Alias Symbols: HAT, MGC150587, MGC150588</p> <p>Protein Size: 418</p>
Molecular Weight:	46 kDa
Gene ID:	9407
NCBI Accession:	NM_004262 , NP_004253
UniProt:	O60235
Pathways:	Positive Regulation of Peptide Hormone Secretion , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 418 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

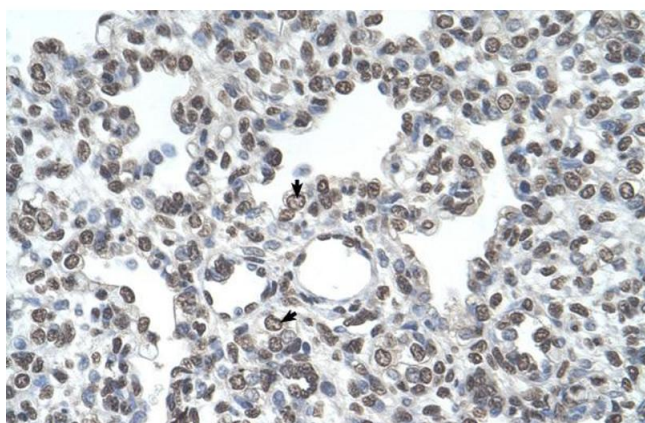
Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

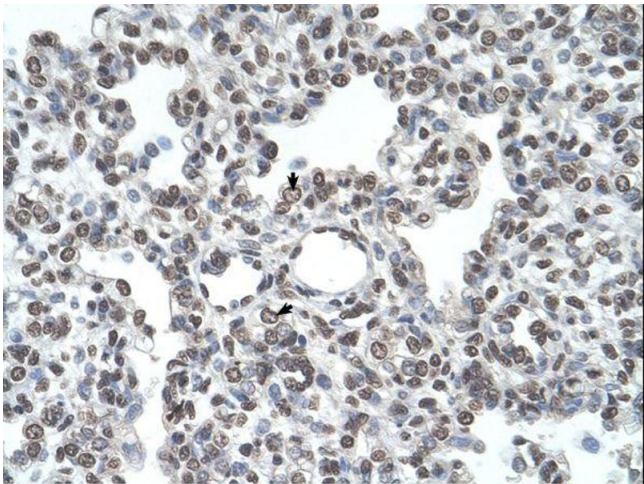
Product cited in:	Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: Genome research , Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).
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Images



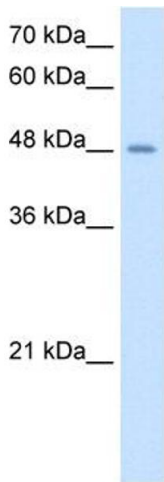
Immunohistochemistry

Image 1. Human Lung



Immunohistochemistry

Image 2.



Western Blotting

Image 3. WB Suggested Antibody Titration: 2.5 ug/ml

Positive Control: HepG2