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## Datasheet for ABIN2854462 anti-TMPRSS11D antibody (Center)

Image



Overview

Quantity:	100 µL
Target:	TMPRSS11D
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS11D antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

#### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human TMPRSS11D. The exact sequence is proprietary.
lsotype:	lgG
Characteristics:	Rabbit Polyclonal antibody to TMPRSS11D (transmembrane protease, serine 11D) TMPRSS11D antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	TMPRSS11D
Alternative Name:	TMPRSS11D (TMPRSS11D Products)

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Target Details	
Background:	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.
	Cellular Localization: Cell membrane, Single-pass type II membrane protein , Transmembrane

protease, serine 11D catalytic chain: Secreted

Molecular Weight:	46 kDa
Gene ID:	9407
Pathways:	Positive Regulation of Peptide Hormone Secretion, Regulation of Carbohydrate Metabolic
	Process

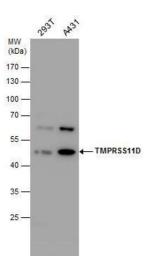
### Application Details

Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.
	*Optimal dilutions/concentrations should be determined by the researcher.Suggested
	dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: 293T , A431
Restrictions:	For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 20 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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#### Western Blotting

**Image 1.** WB Image TMPRSS11D antibody detects TMPRSS11D protein by western blot analysis. Various whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with TMPRSS11D antibody, diluted by 1:1000.

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