

For Research Use Only

# TMPRSS11D Polyclonal antibody, PBS Only

Catalog Number: 24634-1-PBS



## Basic Information

<b>Catalog Number:</b> 24634-1-PBS	<b>GenBank Accession Number:</b> BC125195	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 9407	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60235	
<b>Isotype:</b> IgG	<b>Full Name:</b> transmembrane protease, serine 11D	
<b>Immunogen Catalog Number:</b> AG17841	<b>Calculated MW:</b> 418 aa, 46 kDa	
	<b>Observed MW:</b> 46 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

TMPRSS11D, also known as human airway trypsin-like protease (HAT), is a type II transmembrane serine protease that plays a crucial role in various biological processes, including viral infections and cancer progression. This protease is expressed in the epithelial cells of the respiratory tract and has been implicated in the activation of several viruses, such as SARS-CoV-2. In addition to its role in viral infections, TMPRSS11D has also been involved in cancer progression. High expression levels of TMPRSS11D have been associated with poor overall survival in non-small cell lung cancer. This suggests that TMPRSS11D may contribute to tumor growth and metastasis, making it a potential biomarker and therapeutic target in oncology. (PMID: 28086212, PMID: 40348740)

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

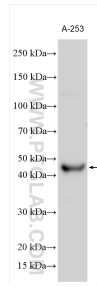
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



A-253 cells were subjected to SDS PAGE followed by western blot with 24634-1-AP (TMPRSS11D antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24634-1-PBS in a different storage buffer formulation.