

Datasheet for ABIN2783757
anti-TMPRSS4 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	TMPRSS4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Dog, Guinea Pig, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPRSS4
Sequence:	IPRKQLCDGE LDCPLGEDEE HCVKSFPEGP AVAVRLSKDR STLQVLDSAT
Predicted Reactivity:	Cow: 85%, Dog: 92%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 85%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TMPRSS4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TMPRSS4
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Target Details

Alternative Name:	TMPRSS4 (TMPRSS4 Products)
Background:	<p>This gene encodes a member of the serine protease family. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: MT-SP2, TMPRSS3, CAPH2</p> <p>Protein Interaction Partner: SYNE4, CCDC155, TMEM79, CLEC7A,</p> <p>Protein Size: 432</p>
Molecular Weight:	48 kDa
Gene ID:	56649
NCBI Accession:	NM_001083947 , NP_001077416

Application Details

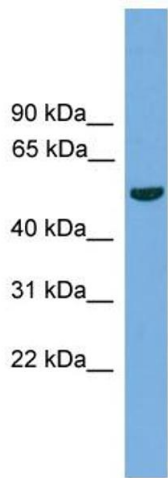
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 432 AA
Restrictions:	For Research Use only

Handling

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

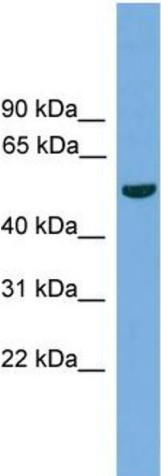
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-TMPRSS4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate



Rabbit Anti-TMPRSS4 Antibody
Catalog Number: ARP49462
Lot Number: QC29772
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-TMPRSS4 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate