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## anti-TMPRSS4 antibody (Middle Region)

2 Images



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Quantity:	100 μL
Target:	TMPRSS4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Dog, Pig
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 middle region of human TMPRSS4
Sequence:	LSGSLVSLHC LACGKSLKTP RVVGGEEASV DSWPWQVSIQ YDKQHVCGGS
Predicted Reactivity:	Dog: 85%, Horse: 85%, Human: 100%, Mouse: 93%, Pig: 85%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against TMPRSS4. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	TMPRSS4
Alternative Name:	TMPRSS4 (TMPRSS4 Products)
Background:	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.

Alias Symbols: MT-SP2, TMPRSS3, CAPH2

Protein Interaction Partner: SYNE4, CCDC155, TMEM79, CLEC7A,

Protein Size: 432

Molecular Weight: 48 kDa

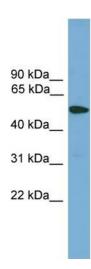
Gene ID: 56649

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.



Rabbit Anti-TMPRSS4 Antibody Catalog Number: ARP49463

Lot Number: QC29156 Lane: HepG2 Cell Lysate

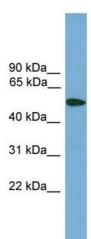
Antibody Titration: 1.0µg/ml Gel Concentration: 12%

#### **Western Blotting**

Image 1. WB Suggested Anti-TMPRSS4

Antibody Titration: 0.2-1 µg/mL

Positive Control: HepG2 cell lysate



#### **Western Blotting**

Image 2. WB Suggested Anti-TMPRSS4 Antibody Titration:0.2-1 ug/ml Positive Control: HepG2 cell lysate