

Rabbit TMPRSS6 Polyclonal Antibody | anti-TMPRSS6 antibody

TMPRSS6 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200276	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat	Western Blot, Immunohistochemistry

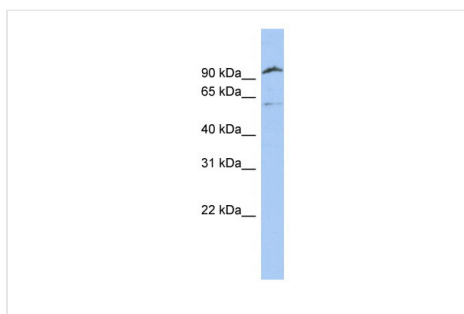
PRODUCT SYNONYMS

TMPRSS6; Polyclonal Antibody; TMPRSS6 antibody - N-terminal region; anti-TMPRSS6 antibody

PRODUCT SPECIFICATIONS

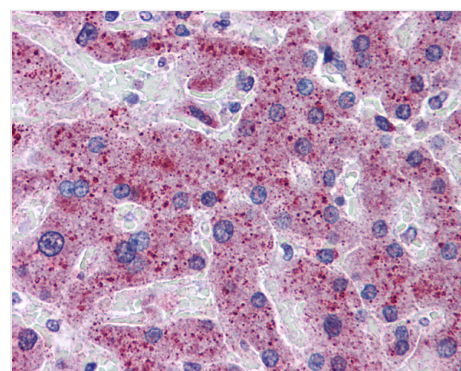
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LL WYFLGYKAEV MVSQVYSGSL RVLNRHFSQD LTRRESSAFR SETAKAQK
Sequence Length	811
Applicable Applications for anti-TMPRSS6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TMPRSS6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-TMPRSS6 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:312500
 Positive Control: Jurkat cell lysate



IHC (Immunohistochemistry)

Sample Type: Human Liver
 Anti-TMPRSS6 antibody IHC of human liver.
 Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. TMPRSS6 Antibody ARP53188_P05 concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS6 antibody	This is a rabbit polyclonal antibody against TMPRSS6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TMPRSS6 is a serine protease which hydrolyzes a range of proteins including type I collagen, fibronectin and fibrinogen. TMPRSS6 can also activate urokinase-type plasminogen activator with low efficiency. TMPRSS6 may play a specialized role in matrix remodeling processes in liver. TMPRSS6 is required to sense iron deficiency. Overexpression of TMPRSS6 suppresses activation of the HAMP promoter. The protein encoded by this gene is a type II transmembrane serine proteinase that is found attached to the cell surface. The encoded protein may be involved in matrix remodeling processes in the liver.
Product Categories/Family for anti-TMPRSS6 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	23957702
NCBI GeneID	164656
NCBI Accession #	NP_705837
NCBI GenBank Nucleotide #	NM_153609
UniProt Accession #	Q8IU80
Molecular Weight	90kDa
NCBI Official Full Name	transmembrane protease serine 6 isoform 2
NCBI Official Synonym Full Names	transmembrane serine protease 6
NCBI Official Symbol	TMPRSS6
NCBI Official Synonym Symbols	IRIDA
NCBI Protein Information	transmembrane protease serine 6
UniProt Protein Name	Transmembrane protease serine 6
UniProt Gene Name	TMPRSS6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmpRSS6-antibody-western-blot-immunohistochemistry-elisa/200276>