

## Rabbit TMPRSS6 Polyclonal Antibody | anti-TMPRSS6 antibody

TMPRSS6 antibody - N-terminal region

|                               |                       |                                                                          |                                                           |
|-------------------------------|-----------------------|--------------------------------------------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA200276</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|-----------------------|--------------------------------------------------------------------------|-----------------------------------------------------------|

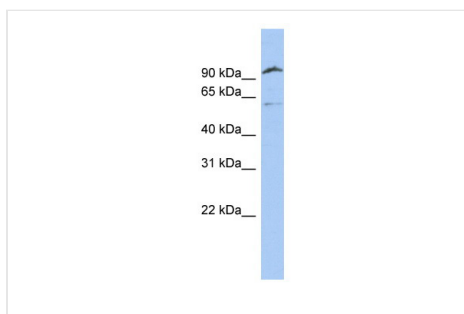
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

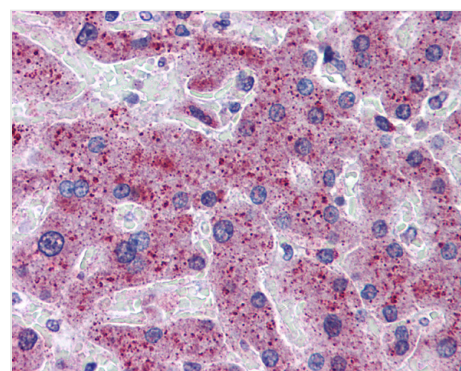
|                                                   |                                                                                                                                                       |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | <p>This is a rabbit polyclonal antibody against TMPRSS6. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>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.</p> |
| 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://www.aaabiotech.com/polyclonal/tmpRSS6-antibody-western-blot-immunohistochemistry-elisa/200276>