

# TMPRSS6 Rabbit pAb

Catalog NO.: A10642

## Basic Information

### Observed MW

110kDa

### Calculated MW

90kDa

### Category

Polyclonal Antibodies

### Applications

WB, IF-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

## Background

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. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF-P** 1:50 - 1:200

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

164656

### Swiss Prot

Q8IU80

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

MT2; IRIDA; TMPRSS6

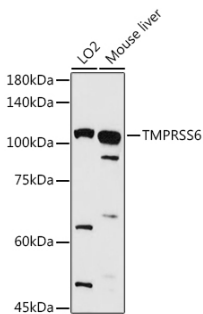
## Contact

## Product Information

|   |  |                      |
|---|--|----------------------|
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| ☒ |  | service@abclonal.com |
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|                                                                                                                                       |                |                       |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                                                                                                         | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                                                                                                | IgG            | Affinity purification |
| <b>Storage</b>                                                                                                                        |                |                       |
| Store at -20°C. Avoid freeze / thaw cycles.                                                                                           |                |                       |
| Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. |                |                       |

Validation Data



Western blot analysis of various lysates using TMPRSS6 Rabbit pAb (A10642) at 1:1000 dilution.

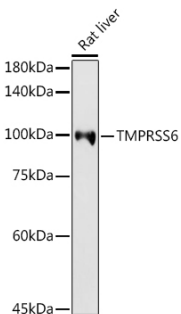
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of lysates from Rat liver, using TMPRSS6 Rabbit pAb (A10642) at 1:1000 dilution.

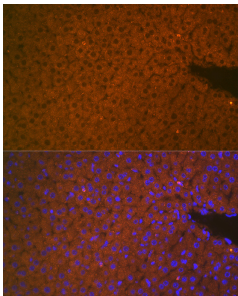
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Immunofluorescence analysis of paraffin-embedded mouse liver using TMPRSS6 Rabbit pAb (A10642) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.