

# TMPRSS2 Rabbit Polyclonal Antibody



CAB1979

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

70kDa/54kDa/32kDa

### Calculated MW:

53kDa/57kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in many physiological and pathological processes. This gene was demonstrated to be up-regulated by androgenic hormones in prostate cancer cells and down-regulated in androgen-independent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

### Gene ID:

7113

### Uniprot

O15393

### Synonyms:

TMPRSS2; PP9284; PRSS10

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 140-400 of human TMPRSS2 (NP\_001128571.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

