

**ARG64661**  
anti-TMPRSS2 antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes TMPRSS2
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TMPRSS2
Species	Human
Immunogen	C-TDWIYRQMRADG
Conjugation	Un-conjugated
Alternate Names	Serine protease 10; PRSS10; PP9284; EC 3.4.21.-; Transmembrane protease serine 2

### Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.3 µg/ml

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

---

### Database links

[GeneID: 7113 Human](#)

[Swiss-port # O15393 Human](#)

### 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. [provided by RefSeq, Sep 2008]

### Research Area

Cancer antibody; Cell Biology and Cellular Response antibody; Neuroscience antibody

### Calculated Mw

54 kDa

### PTM

Proteolytically processed; by an autocatalytic mechanism.

## Images

---



ARG64661 anti-TMPRSS2 antibody WB image

Western Blot: Human Pancreas Lysate (35 µg protein in RIPA buffer) stained with ARG64661 anti-TMPRSS2 antibody at 0.1 µg/ml dilution.