



[Go to Product page](#)

Datasheet for ABIN391563

## anti-TMPRSS2 antibody (N-Term)

### 3 Images

#### Overview

Quantity:	400 µL
Target:	TMPRSS2
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	This TMPRSS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TMPRSS2.
Clone:	RB18784
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

Target:	TMPRSS2
Alternative Name:	TMPRSS2 ( <a href="#">TMPRSS2 Products</a> )

## Target Details

---

Background:	TMPRSS2 is a protein that belongs to the serine protease family. The 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. Its 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.
Molecular Weight:	53859
Gene ID:	7113
NCBI Accession:	<a href="#">NP_001128571</a> , <a href="#">NP_005647</a>
UniProt:	<a href="#">O15393</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

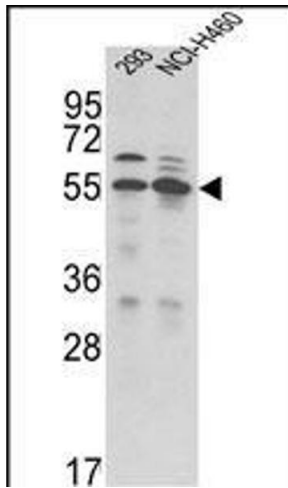
---

Application Notes:	IHC-P: 1:50~100. FC: 1:10~50. WB: 1:1000
Restrictions:	For Research Use only

## Handling

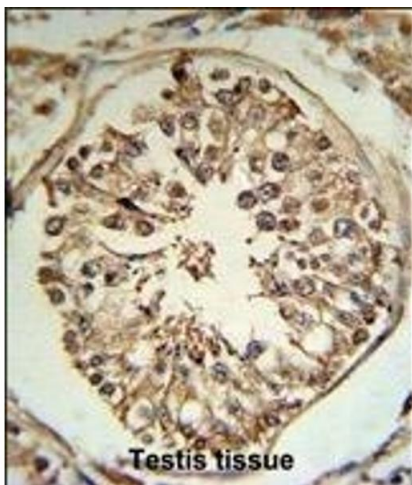
---

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



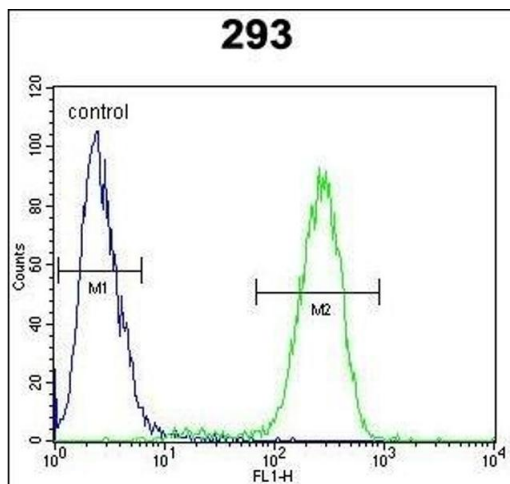
### Western Blotting

**Image 1.** Western blot analysis of TRSS2 Antibody (N-term) (ABIN391563 and ABIN2841502) in 293, NCI- cell line lysates (35 µg/lane). TRSS2 (arrow) was detected using the purified Pab.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** TRSS2 Antibody (N-term) (R) IHC analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TRSS2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Flow Cytometry

**Image 3.** TRSS2 Antibody (N-term) (ABIN391563 and ABIN2841502) flow cytometric analysis of 293 cells (right histogram) coated to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.