

## TMPRSS2 antibody

### Product Information

Catalog No.:	FNab08804
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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

Immunogen:	transmembrane protease, serine 2
Synonyms:	Transmembrane protease serine 2 Serine protease 10 Transmembrane protease serine 2 non-catalytic chain Transmembrane protease serine 2 catalytic chain TMPRSS2 PRSS10
Observed MW:	52 kDa
Uniprot ID :	O15393

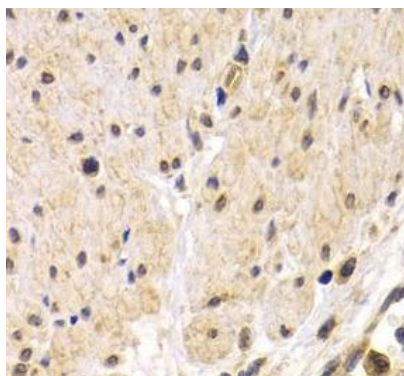
### Application

Reactivity:	Human, Mouse, Rat
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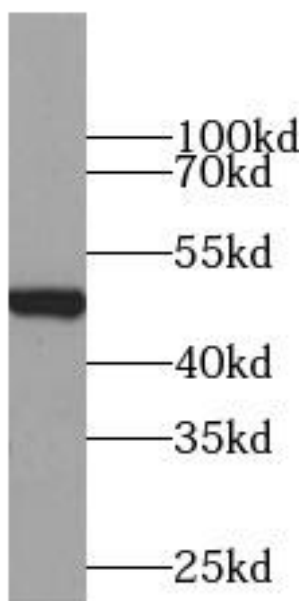
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human stomach cancer using FNab08804(TMPRSS2 Antibody) at dilution of 1:200



22Rv1 cells were subjected to SDS PAGE followed by western blot with FNab08804(TMPRSS2 Antibody) at dilution of 1:1000