

TMPRSS2 Rabbit Polyclonal Antibody

Catalog No: #54629



Package Size: #54629-1 50ul #54629-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

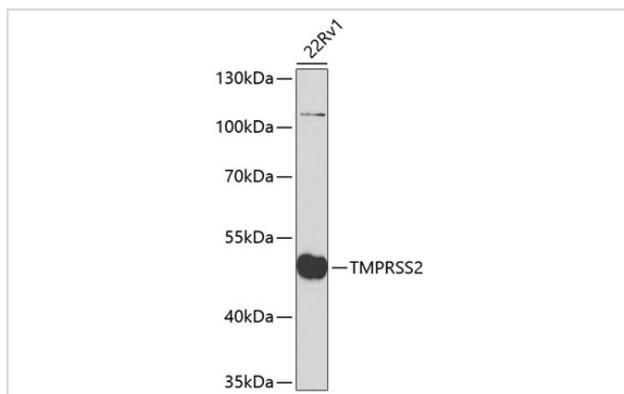
Description

Product Name	TMPRSS2 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human TMPRSS2 (NP_001128571.1).
Other Names	TMPRSS2;PP9284;PRSS10
Accession No.	Swiss Prot:O15393GeneID:7113
Calculated MW	53kDa/57kDa
SDS-PAGE MW	52kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

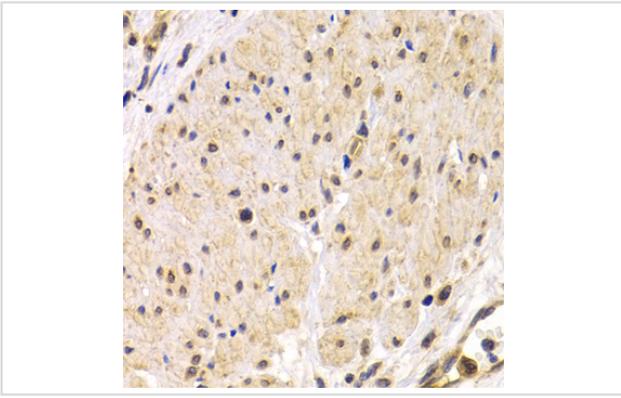
Application Details

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

Images



Western blot analysis of extracts of 22Rv1 cells, using TMPRSS2 at 1:2000 dilution.



Immunohistochemistry of paraffin-embedded human stomach cancer using TMPRSS2 at dilution of 1:200 (40x lens).

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.