

Rabbit TMPRSS2 Antibody | anti-TMPRSS2 antibody

TMPRSS2

CATALOG # AAA28156	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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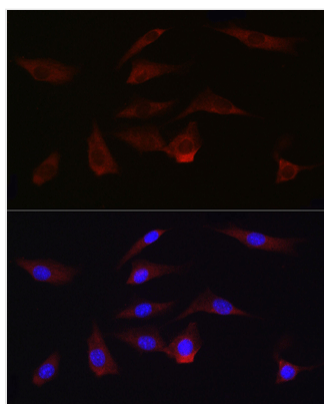
PRODUCT SYNONYMS

TMPRSS2; PP9284; PRSS10; anti-TMPRSS2 antibody

PRODUCT SPECIFICATIONS

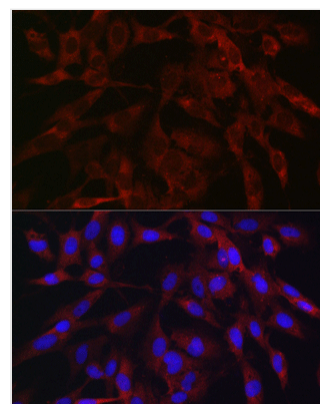
Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-TMPRSS2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 140-400 of human TMPRSS2 (NP_001128571.1).
Catagory	Primary Antibody
Species Reactivity/ Cross Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



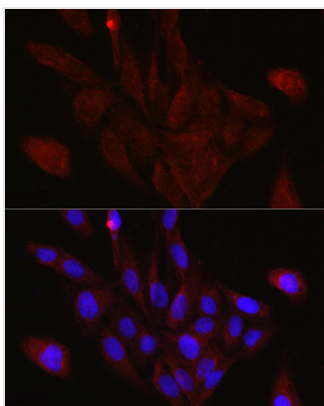
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using TMPRSS2 antibody (AAA28156) at dilution of 1:50. Blue: DAPI for nuclear staining.



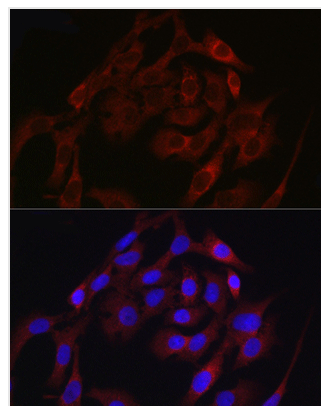
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using TMPRSS2 antibody (AAA28156) at dilution of 1:50. Blue: DAPI for nuclear staining.



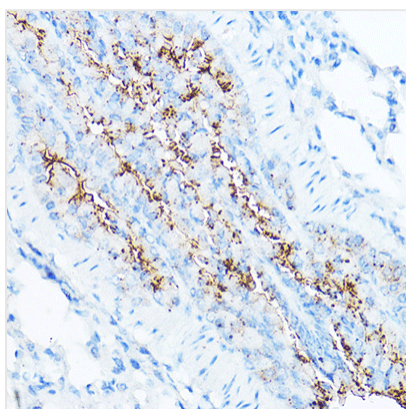
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using TMPRSS2 antibody (AAA28156) at dilution of 1:50. Blue: DAPI for nuclear staining.



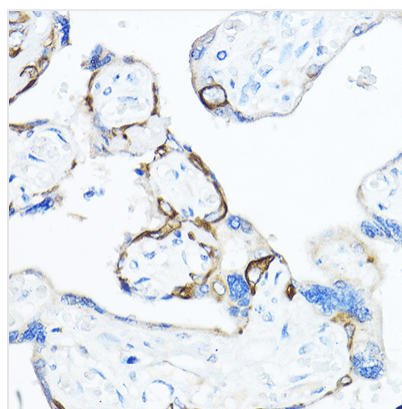
IF (Immunofluorescence)

Immunofluorescence analysis of A-549 cells using TMPRSS2 antibody (AAA28156) at dilution of 1:50. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded mouse lung using TMPRSS2 Rabbit pAb (AAA28156) at dilution of 1:50 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded human placenta using TMPRSS2 Rabbit pAb (AAA28156) at dilution of 1:50 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS2 antibody	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.
Product Categories/Family for anti-TMPRSS2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	115502469
NCBI GeneID	7113
UniProt Accession #	O15393; Q6GTK7; Q9BXX1; A8K6Z8; B2R8E5; B7Z459; D3DSJ2; F8WES1
Molecular Weight	Observed MW: 70kDa/54kDa/32kDa Calculated MW: 53kDa/57kDa
NCBI Official Full Name	Transmembrane protease serine 2
NCBI Official Synonym Full Names	transmembrane protease, serine 2
NCBI Official Symbol	TMPRSS2

NCBI Official Synonym Symbols	PP9284; PRSS10
NCBI Protein Information	transmembrane protease serine 2; epitheliasin; serine protease 10
UniProt Protein Name	Transmembrane protease serine 2
UniProt Gene Name	TMPRSS2
UniProt Synonym Gene Names	PRSS10
UniProt Entry Name	TMPS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-antibody/tmprss2/28156>