Rabbit anti-Human TMPRSS11B Polyclonal Antibody | anti-TMPRSS11B antibody

TMPRSS11B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173085	**Rabbit**	**Human**	**Immunohistochemistry, ELISA**

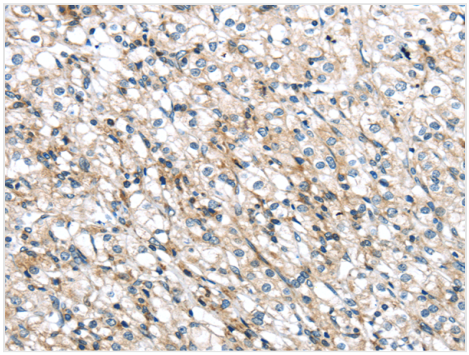
PRODUCT SYNONYMS

TMPRSS11B; Polyclonal Antibody; TMPRSS11B Polyclonal Antibody; anti-TMPRSS11B antibody

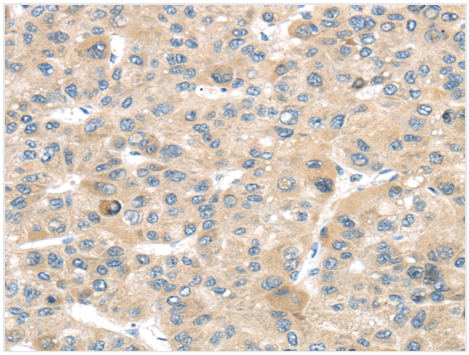
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.2mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-TMPRSS11B antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Fusion protein of human TMPRSS11B
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-169636
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TMPRSS11B Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TMPRSS11B Polyclonal Antibody at dilution 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS11B antibody	TMPRSS11B (transmembrane protease serine 11B), also known as airway trypsin-like protease 5, is a 416 amino acid single-pass type II membrane protein that belongs to the peptidase S1 family and contains one peptidase S1 domain and one SEA domain. The gene that encodes TMPRSS11B consists of over 19, 000 bases and maps to human chromosome 4q13.2. Chromosome 4 represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is encoded by a gene that maps to chromosome 4. FGFR-3 is also encoded by a gene located on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187761337
NCBI GeneID	132724
NCBI GenBank Nucleotide #	NM_182502.3
Molecular Weight	46,337 Da
NCBI Official Full Name	transmembrane protease serine 11B
NCBI Official Synonym Full Names	transmembrane protease, serine 11B
NCBI Official Symbol	TMPRSS11B
NCBI Protein Information	transmembrane protease serine 11B
UniProt Protein Name	Transmembrane protease serine 11B
UniProt Gene Name	**TMPRSS11B**
UniProt Synonym Gene Names	HATL5
UniProt Entry Name	TM11B_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/polyclonal/tmprss11b-antibody-immunohistochemistry-elisa/173085