

Product datasheet for **TA350519S**

TMPRSS4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: A431 cells IHC: 30-150 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TMPRSS4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	transmembrane protease, serine 4
Database Link:	NP_899070 Entrez Gene 214523 Mouse Entrez Gene 56649 Human Q9NRS4

Background: This gene encodes a member of the serine protease family. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene.

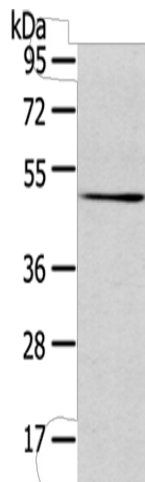


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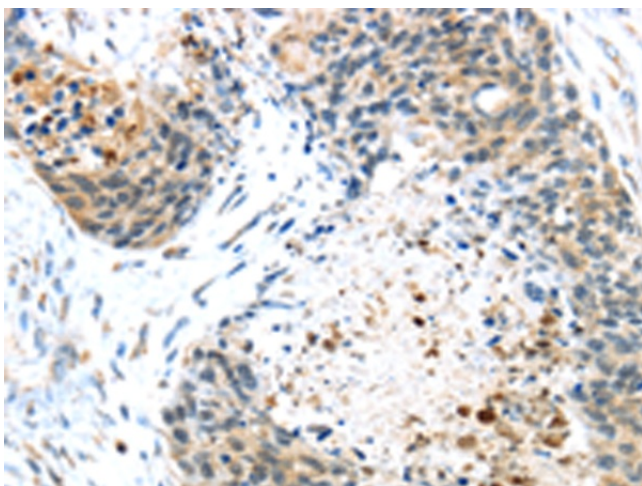
Synonyms: membrane-type serine protease 2; MT-SP2; serine 4; TMPRSS3; transmembrane protease; transmembrane serine protease 3; type II membrane serine protease

Protein Families: Druggable Genome, Protease, Transmembrane

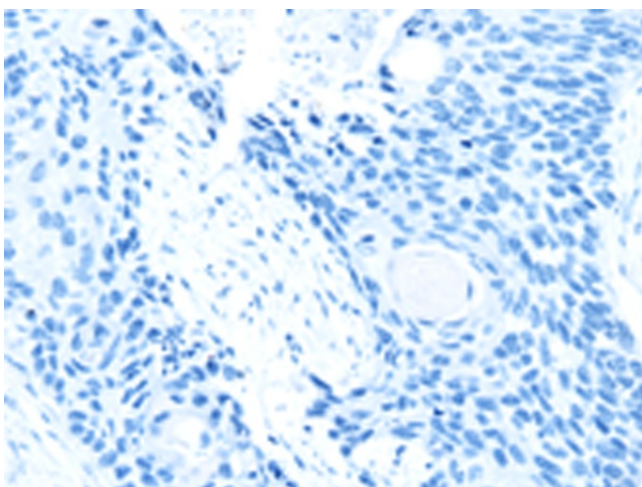
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: A431 cells
Primary antibody: [TA350519] (TMPRSS4 Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA350519] (TMPRSS4 Antibody) at dilution 1/45 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using [TA350519] (TMPRSS4 Antibody) at dilution 1/45, treated with fusion protein. (Original magnification: $\times 200$)