

TMPRSS11F Antibody

Catalog No: #40254

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

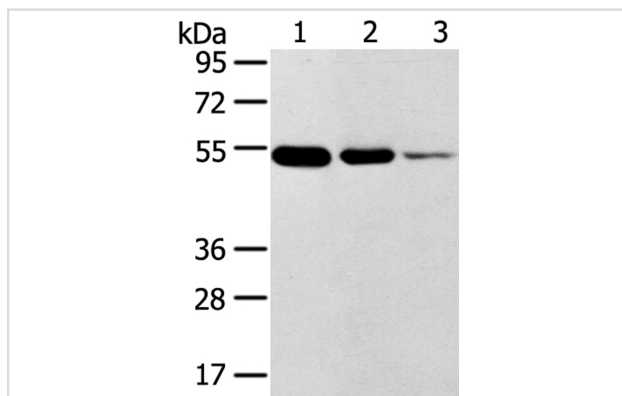
Product Name	TMPRSS11F Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TMPRSS11F protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human transmembrane protease, serine 11F
Target Name	TMPRSS11F
Accession No.	Swiss-Prot:Q6ZWK6Gene Accssion:NP_997290
Uniprot	Q6ZWK6
GeneID	389208;
SDS-PAGE MW	49KD
Concentration	2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

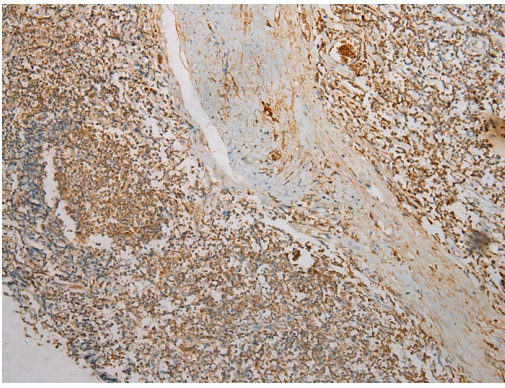
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:100-1:200

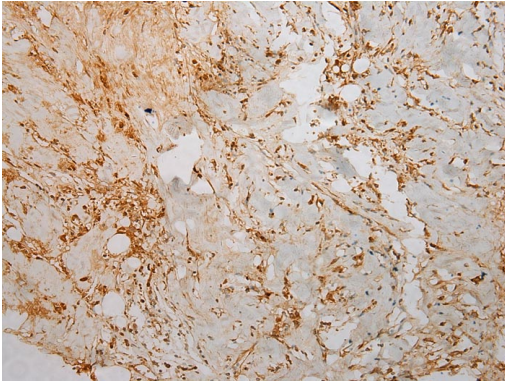
Images



Gel: 8%SDS-PAGE
 Lysates (from left to right): Human thyroid and esophagus cancer, human normal rectum tissue
 Amount of lysate: 40ug per lane
 Primary antibody: 1/500 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human Tonsil cancer tissue using #40254 at dilution 1/100.



Immunohistochemical analysis of paraffin-embedded Human Breast cancer tissue using #40254 at dilution 1/100.

Background

TMPRSS11F is a type-II transmembrane protease, similar to hepsin (TMPRSS1). TMPRSS11F is a member of a larger family of membrane attached serine proteases, a poorly defined group that includes TMPRSS11A, B, C, D, E, F, Hepsin, Corin, Matriptase-1, 2 and 3. TMPRSS11F has a domain structure of an aminoterminal cytoplasmic domain, followed by a transmembrane domain, a SEA domain (Sea urchin sperm protein, Enterokinase, Agrin), a short spacer, then the trypsin-like serine protease domain. The SEA domain is thought to play a role in carbohydrate binding in the analogous protein sequences where it is found, but its role in TMPRSS11F is unclear. The cleavage of the Arg206-Ile207 bond is thought to liberate the catalytic domain.

Note: This product is for in vitro research use only