

TMPRSS11F Polyclonal Antibody

catalog number: E-AB-13740

Note: Centrifuge before opening to ensure complete recovery of vial contents.

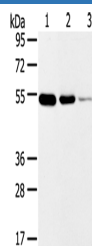
Description

Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human TMPRSS11F
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

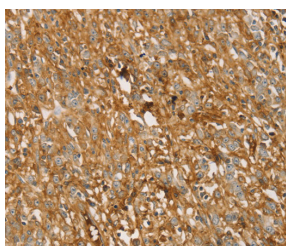
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:25-1:100

Data



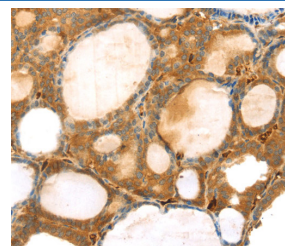
Western Blot analysis of Human thyroid and esophagus cancer, Human normal rectum tissue using TMPRSS11F Polyclonal Antibody at dilution of 1:500

Calculated-MW:49 kDa



Immunohistochemistry of paraffin-embedded Human gastric cancer using TMPRSS11F Polyclonal Antibody at dilution of

1:30



Immunohistochemistry of paraffin-embedded Human thyroid cancer using TMPRSS11F Polyclonal Antibody at dilution of 1:30

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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 spermprotein, 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.

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