

Matriptase Polyclonal Antibody
Catalog # AP70847**Specification****Matriptase Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q9Y5Y6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Matriptase Polyclonal Antibody - Additional Information**Gene ID** 6768**Other Names**

ST14; PRSS14; SNC19; TADG15; Suppressor of tumorigenicity 14 protein; Matriptase; Membrane-type serine protease 1; MT-SP1; Prostamin; Serine protease 14; Serine protease TADG-15; Tumor-associated differentially-expressed gene 15 protein

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Matriptase Polyclonal Antibody - Protein Information**Name** ST14**Synonyms** PRSS14, SNC19, TADG15**Function**

Exhibits trypsin-like activity as defined by cleavage of synthetic substrates with Arg or Lys as the P1 site (PubMed:10373424). Involved in the terminal differentiation of keratinocytes through prostatic (PRSS8) activation and filaggrin (FLG) processing (PubMed:18843291). Proteolytically cleaves and therefore activates TMPRSS13 (PubMed:28710277).

Cellular Location

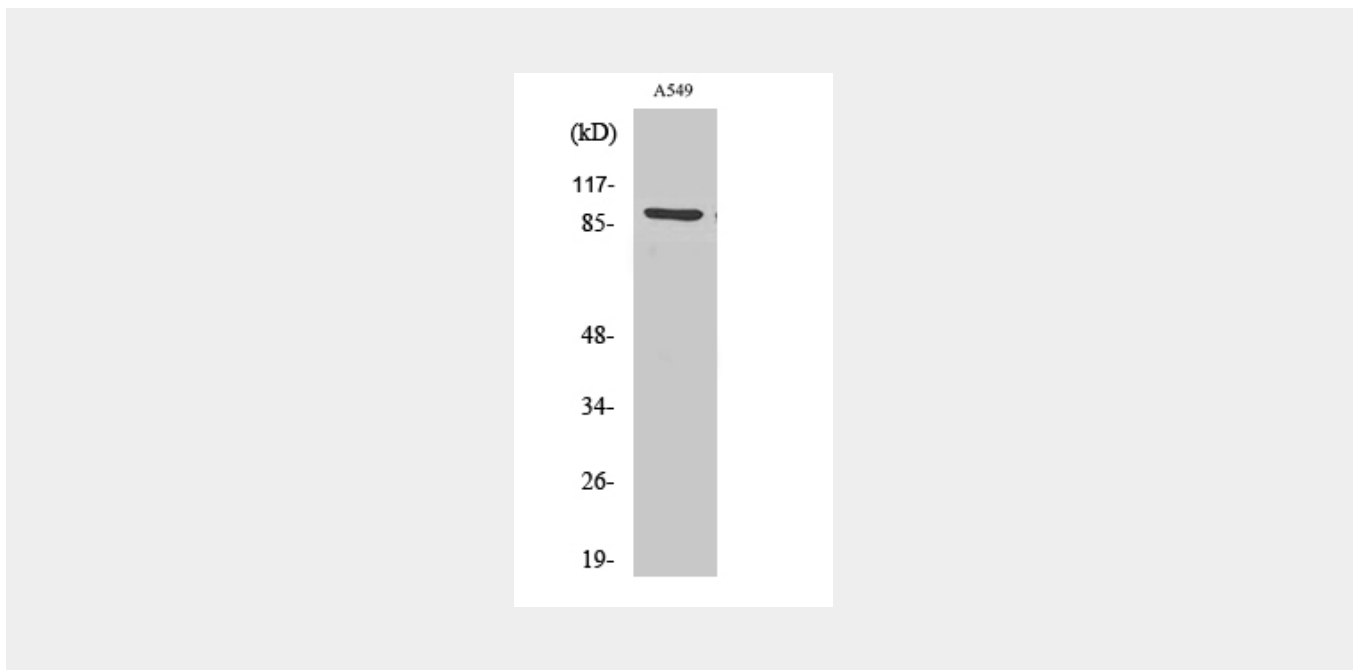
Membrane; Single-pass type II membrane protein

Matriptase Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Matriptase Polyclonal Antibody - Images



Matriptase Polyclonal Antibody - Background

Degrades extracellular matrix. Proposed to play a role in breast cancer invasion and metastasis. Exhibits trypsin-like activity as defined by cleavage of synthetic substrates with Arg or Lys as the P1 site. Involved in the terminal differentiation of keratinocytes through prostaticin (PRSS8) activation and filaggrin (FLG) processing.