

Matriptase Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10666**Specification**

Matriptase Antibody - Product Information

Application	WB
Primary Accession	Q9JII7
Other Accession	EDL83315
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

Matriptase Antibody - Additional Information

Application & Usage	Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. The antibody recognizes ~75 kDa doublets of Matriptase in samples from human, mouse and rat, origins. Reactivity to other species has not been tested.
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Other Names

HAI , MT-SP1 , MTSP-1 , MTSP1 , PRSS14 , SNC19 , ST14 , TADG-15 , epithin , matriptase

Target/Specificity

Matriptase

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Matriptase Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

Matriptase Antibody - Protein Information

Matriptase 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 Antibody - Images

Matriptase Antibody - Background

Matriptase or MT-SP1 is an epithelial-derived type II transmembrane serine protease that is highly expressed in human cancer-derived cell lines. Matriptase cleaves and activates protease activated receptor-2, pro-urokinase plasminogen activator and pro-hepatocyte growth factor. Matriptase is strongly inhibited by the hepatocyte growth factor activator inhibitor type 1 (HAI-1), which is a reactive site loop of Kunitz domain and also a transmembrane serine protease inhibitor.