

MMP-11 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10388**Specification**

MMP-11 Antibody - Product Information

Application	WB, IHC
Primary Accession	Q02853
Other Accession	AAH52854
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	55441

MMP-11 Antibody - Additional Information**Gene ID** 17385

Positive Control

Application & Usage

Western Blot: Jurkat cell lysate. **IHC:** Adrenal tissue

Western blotting (0.5-4 µg/ml) and Immunohistochemistry (5 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (3531RBP-50) is available separately. The antibody recognizes the latent form (~68 kDa) and the active forms (~55 kDa and ~40 kDa) of MMP-11 from human, mouse, and rat origins.

Other Names

ST3 , SL-3 , MMP-11 , STMY3 , Matrix metalloproteinase

Target/Specificity

MMP-11

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) immunoaffinity 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

MMP-11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

MMP-11 Antibody - Protein Information

Name Mmp11

Function

May play an important role in the progression of epithelial malignancies.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Specifically expressed in the mammary gland during apoptosis

MMP-11 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](#)

MMP-11 Antibody - Images

MMP-11 Antibody - Background

The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.