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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	**Western Blot: Jurkat cell lysate. IHC: Adrenal tissue**
Application & Usage	**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 Cytomety
- 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.