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Anti-MMP14 Antibody (aa152-163)

Goat Anti Human Polyclonal Antibody
Catalog # ALS17915

Specification

Anti-MMP14 Antibody (aa152-163) - Product Information

Application	**WB, IHC-P, E**
Primary Accession	P50281
Predicted	**Human, Hamster, Pig, Bovine, Horse, Guinea Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**65894**

Anti-MMP14 Antibody (aa152-163) - Additional Information

Gene ID 4323

Alias Symbol	**MMP14**

Other Names
MMP14, Membrane type-1 MMP, MT1-MMP, MT1MMP, MT-MMP, MT-MMP 1, Matrix metalloproteinase-14, MMP-14, MMP-X1, MTMMP1

Target/Specificity
Human MMP14 / MMP-14

Reconstitution & Storage
Immunoaffinity purified

Precautions
Anti-MMP14 Antibody (aa152-163) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-MMP14 Antibody (aa152-163) - Protein Information

Name MMP14

Function
Endopeptidase that degrades various components of the extracellular matrix such as collagen. Activates progelatinase A. Essential for pericellular collagenolysis and modeling of skeletal and extraskeletal connective tissues during development (By similarity). May be involved in actin cytoskeleton reorganization by cleaving PTK7 (PubMed:20837484). Acts as a positive regulator of cell growth and migration via activation of MMP15. Involved in the formation of the fibrovascular tissues in association with pro-MMP2 (PubMed:12714657). Cleaves ADGRB1 to release vasculostatin-40 which inhibits angiogenesis (PubMed:22330140).

Cellular Location
Membrane; Single-pass type I membrane protein. Melanosome. Cytoplasm. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV Forms a complex with BST2 and localizes to the cytoplasm

Tissue Location
Expressed in stromal cells of colon, breast, and head and neck. Expressed in lung tumors.

Anti-MMP14 Antibody (aa152-163) - 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

Anti-MMP14 Antibody (aa152-163) - Images