

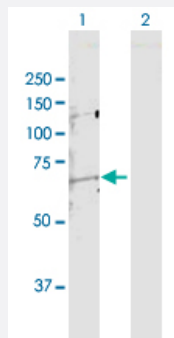
MaxPab®

MMP14 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004323-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MMP14 expression in transfected 293T cell line ([H00004323-T02](#)) by MMP14 MaxPab polyclonal antibody.

Lane 1: MMP14 transfected lysate(65.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MMP14 protein.

Immunogen

MMP14 (AAH64803.1, 1 a.a. ~ 582 a.a) full-length human protein.

Sequence

MSPAPRPSRCLLLPLLTLGTALASLGSAQSSSFSPRAWLQQYGYLPPGDLRHTQSRSPQSLSAAI
AAMQKFYGLQVTGKADATMKAMRRPRCGVPDKFGAEIKANVRRKRYAIQGLKWQHNEITFCIQN
YTPKVGEYATYEAIRKAFRVWESATPLRFREVPYAYIREGHEKQADIMIFFAEGFHGDSSTPFDGEG
GFLAHAYFPGPNIGGDTHFDSAEPWTVRNEDLNGNDIFLVAVHELGHALGLEHSSDPSAIMAPFY
QWMDTENFVLPDDDRGIQQLYGGESGFPTKMPPQPRTTSRPSVPDKPKNPTYGPNICDGNFDT
VAMLRGEMFVFKERWFWVRNQNQVMDGYPMPIGQFWRGLPASINTAYERKDGGKVFVFKGDKH
WVFDEASLEPGYPKHIKELGRGLPTDKIDAALFWMPNGKTYFFRGNKYYRFNEELRAVDSEYPKNI
KVWEGIPESPRGSFMGSDEVFTYFYKGNKYWKFNQKLKVEPGYPKSALRDWMGCPSSGGRPD
EGTEETEVEVDEEGGGAVSAAVVLPLVLLLLVLAVGLAVFFRRHGTPRRLLYCQRSLLDKV

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — MMP14

Entrez GeneID [4323](#)

GeneBank Accession# [BC064803.1](#)

Protein Accession# [AAH64803.1](#)

Gene Name MMP14

Gene Alias MMP-X1, MT1-MMP, MTMMP1

Gene Description matrix metalloproteinase 14 (membrane-inserted)

Omim ID [600754](#)

Gene Ontology [Hyperlink](#)

Gene Summary Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 protein, and this activity may be involved in tumor invasion. [provided by RefSeq]

Other Designations matrix metalloproteinase 14|matrix metalloproteinase 14 (membrane-inserted)|membrane type 1 metalloproteinase|membrane-type matrix metalloproteinase 1|membrane-type-1 matrix metalloproteinase

Pathway

- [GnRH signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Bronchopulmonary Dysplasia](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulosclerosis](#)
- [Hepatitis C](#)
- [Liver Cirrhosis](#)
- [Nephrosis](#)
- [Obstetric Labor](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)

- [Scleroderma](#)