

MMP11 antibody

Catalog No: #38546

Package Size: #38546-1 50ul #38546-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

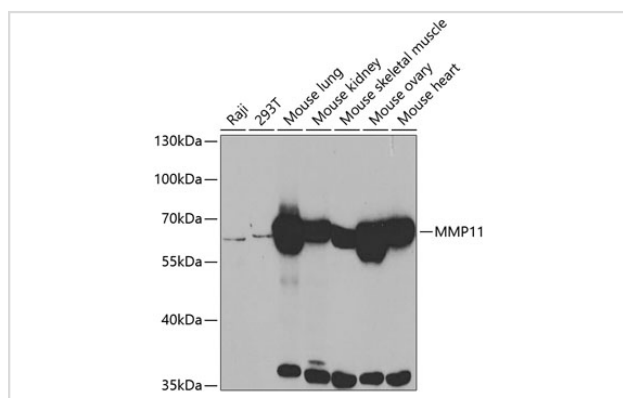
Product Name	MMP11 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total MMP11 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human MMP11.
Conjugates	Unconjugated
Target Name	MMP11
Other Names	ST3; SL-3; STMY3
Accession No.	Swiss-Prot#: P24347NCBI Gene ID: 4320
SDS-PAGE MW	55kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:2000

Immunohistochemistry: □1:50 - 1:200

Images



Western blot analysis of extracts of various cell lines, using MMP11 antibody at 1:500 dilution.

Background

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 enzyme encoded by this gene is activated intracellularly by furin within the constitutive secretory pathway. Also in contrast to other MMP's, this enzyme cleaves alpha 1-proteinase inhibitor but weakly degrades structural proteins of the extracellular matrix.

Published Papers

el at., miR-125a-3p suppresses the growth and progression of papillary thyroid carcinoma cell by targeting MMP11. In J Cell Biochem on 2019 Sep 6. by Song M, Wang N, et al..PMID:31489990, , (2019)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.