

MMP2 Antibody

Catalog No: #29090

Package Size: #29090-1 50ul #29090-2 100ul

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

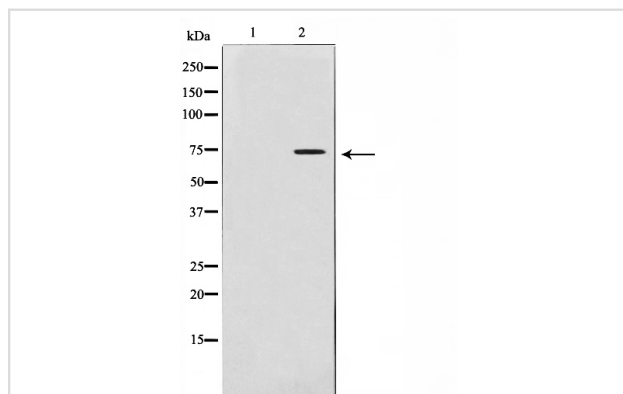
Description

Product Name	MMP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	MMP2 Antibody detects endogenous levels of MMP2
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human MMP2
Target Name	MMP2
Other Names	72 kDa gelatinase; 72 kDa type IV collagenase; CLG4; CLG4A; collagenase type IV-A; Gelatinase A; matrix metallopeptidase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase); Matrix metalloproteinase-2; matrix metalloproteinase-II; MMP2; MMP2II
Accession No.	Swiss-Prot#: P08253
SDS-PAGE MW	74KD
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

WB 1:500-1:2000

Images



Western blot analysis on LOVO cell lysate using MMP2 Antibody

Background

MMP2 Ubiquitous metalloproteinase that is involved in diverse functions such as remodeling of the vasculature, angiogenesis, tissue repair, tumor

invasion, inflammation, and atherosclerotic plaque rupture. As well as degrading extracellular matrix proteins, can also act on several nonmatrix proteins such as big endothelial 1 and beta-type CGRP promoting vasoconstriction. Also cleaves KISS at a Gly-[Leu bond. Appears to have a role in myocardial cell death pathways.

Published Papers

el at., The effect of BMP9 on inflammation in the early stage of pulpitisInJ Appl Oral SciOn2023 Jan 23byTianzhu Song?1?2,?Xiangfen Li? et al..PMID: 36700591, , (2023)

[PMID:36700591](#)

el at., Honokiol inhibits bladder cancer cell invasion through repressing SRCi ? expression and epitheliali ζ • esenchymal transition.In Oncol Lett on 2017 Oct by Lan Shen, Fang Zhang,et al..PMID: 28943942, , (2017)

[PMID:28943942](#)

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