ELK Biotechnology

MMP24 rabbit pAb

Cat No.:ES11242

For research use only

Overview

Product Name	MMP24 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 520-600
Specificity	MMP24 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	Matrix metalloproteinase-24 (MMP-24) (EC 3.4.24.-) (Membrane-type matrix metalloproteinase 5) (MT-MMP 5) (MTMMP5) (Membrane-type-5 matrix metalloproteinase) (MT5-MMP) (MT5MMP) [Cleaved into: Processed
Gene Name	MMP24 MT5MMP
Cellular localization	[Matrix metalloproteinase-24]: Cell membrane ; Single-pass type I membrane protein . Golgi apparatus, trans-Golgi network membrane ; Single-pass type I membrane protein . Recycled back to the plasma membrane through the trans-Golgi network via interaction with APBA3. .; [Processed matrix metalloproteinase-24]: Secreted, extracellular space, extracellular matrix . Also shed from cell surface as soluble proteinase, by a proteolytic cleavage. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml

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Observed band	70kD
Human Gene ID	10893
Human Swiss-Prot Number	Q9Y5R2
Alternative Names	
Background	This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this 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. The encoded preproprotein is proteolytically processed to generate the mature protease. Unlike most MMPs, which are secreted, this protease is a member of the membrane-type MMP (MT-MMP) subfamily, contains a transmembrane domain and is expressed at the cell surface. Substrates of this protease include the proteins cadherin 2 and matrix metallopeptidase 2 (also known as 72 kDa type IV collagenase). [provided by RefSeq, Feb 2016],

+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C