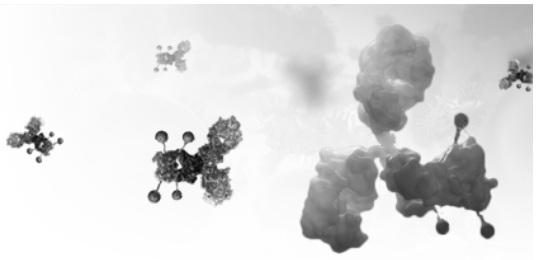

Rabbit Anti-Human MMP3 monoclonal Antibody, clone KN57 (CABT-L598R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Rabbit monoclonal IgG, primary antibodies
Specificity	MMP3
Target	MMP3
Immunogen	Synthetic peptide within C-terminal human MMP3.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KN57
Purification	Protein A affinity purified.
Conjugate	Unconjugated
Applications	WB, IHC-P Recommended Dilutions: WB: 1:500-1:2000 IHC-P: 1:50-1:200
Molecular Weight	54kDa
Cellular Localization	extracellular matrix.
Positive Control	Human liver tissue lysate, rat liver tissue lysate, rat kidney tissue, human liver tissue, human placenta tissue, mouse liver tissue.

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Format	Liquid
Concentration	Lot specific
Size	50 µl, 100 µl
Buffer	1*TBS (pH7.4), 0.05% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide.
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Ship	Wet ice

BACKGROUND

Keywords	CHDS6; Matrix metalloproteinase 3; Matrix metalloproteinase-3; MMP3;

GENE INFORMATION

Synonyms	CHDS6 antibody; Matrix metalloproteinase 3 antibody; Matrix metalloproteinase-3 antibody; MGC126102 antibody; MGC126103 antibody; MGC126104 antibody; MMP 3 antibody; MMP-3 antibody; MMP3 antibody; MMP3_HUMAN antibody; Proteoglycanase antibody; SL-1 antibody; SL1 antibody; STMY antibody; STMY1 antibody; STR1 antibody; Stromelysin 1 antibody; Stromelysin-1 antibody; Transin 1 antibody; Transin-1 antibody
UniProt ID	P08254
Function	The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, fibronectin, laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB). MMP catalysis requires both calcium and zinc. MMP-3, MMP-10 and MMP-11 (also designated stromelysin-1, -2 and -3 respectively) activate procollagenase. MMP-3 activation of procollagenase can occur via two pathways. Direct activation by MMP-3 is slow and activation by MMP-3 in conjunction with tissue or plasma proteinases is rapid. MMP-10 is expressed in small intestine, and at lower levels in lung and heart. MMP-11 is specifically expressed in stromal cells of breast carcinomas and contributes to epithelial cell malignancies.

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