



Anti-MMP12 polyclonal antibody (DPABY-750)

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

PRODUCT INFORMATION

Antigen Description	May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1 site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.
Immunogen	C-RPKTSVNLIS
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugate	Unconjugated
Applications	ELISA Pr*, WB
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Preservative	0.02% Sodium Azide
Storage	Aliquot and store at -36°C. Minimize freezing and thawing.

GENE INFORMATION

Gene Name	MMP12 matrix metalloproteinase 12 (macrophage elastase) [Homo sapiens (human)]
Official Symbol	MMP12
Synonyms	MMP12; matrix metalloproteinase 12 (macrophage elastase); ME; HME; MME; MMP-12; macrophage metalloelastase; matrix metalloproteinase 12 (macrophage elastase);
Entrez Gene ID	4321
Protein Refseq	NP_002417
UniProt ID	P39900
Chromosome Location	11q22.3
Pathway	Collagen degradation; Degradation of the extracellular matrix; Extracellular matrix organization; Matrix Metalloproteinases;
Function	calcium ion binding; endopeptidase activity; metalloendopeptidase activity; zinc ion binding;