



Anti-MMP10 polyclonal antibody (DPAB1980RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti-human matrix metalloproteinase 10 (stromelysin 2) polyclonal antibody.
Antigen Description	Stromelysin-2 also known as matrix metalloproteinase-10 (MMP-10) or transin-2 is an enzyme that in humans is encoded by the MMP10 gene.
Specificity	This antibody reacts with a 57 kD protein (pro form) and 44 kD (active form) of MMP-10. Matrix metalloproteinase (MMPs) are a family of closely related zinc-containing proteolytic enzymes, capable of degrading connective tissue components. MMP-10 demonstr
Immunogen	A synthetic peptide from the hinge domain of human MMP-10.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC
Cellular Localization	Cytoplasmic
Positive Control	Placenta
Format	Purified immunoglobulin fraction of rabbit antiserum against MMP-10 containing sodium azide as a preservative.
Preservative	See individual product datasheet
Storage	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

GENE INFORMATION

Gene Name	MMP10 matrix metallopeptidase 10 (stromelysin 2) [Homo sapiens]
Synonyms	MMP10; matrix metallopeptidase 10 (stromelysin 2); SL-2; STMY2; stromelysin-2; MMP-10; transin 2; transin-2; stromelysin 2; matrix metalloprotease 10; matrix metalloproteinase-10; matrix metalloproteinase 10 (stromelysin 2); NP_002416.1; EC 3.4.24.22; OTTHUMP00000237848; EC 3.4.24; EC=3.4.24.22
Entrez Gene ID	4319
Protein Refseq	NP_002416
UniProt ID	P09238
Chromosome Location	11q22.3
Pathway	Matrix Metalloproteinases
Function	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding