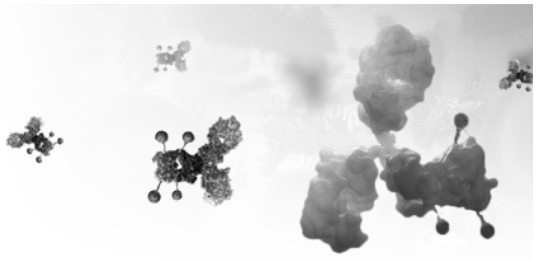

Anti-NSE polyclonal antibody (DPAB1979RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti-human matrix metallopeptidase 1 (interstitial collagenase) polyclonal antibody.
Antigen Description	Interstitial collagenase also known as matrix metalloproteinase-1(MMP-1) and fibroblast collagenase is an enzyme that in humans is encoded by the MMP1 gene.
Specificity	This antibody reacts with a 52 kD protein (unglycosylated) and 57 kD (glycosylated) species of pro form of MMP-1 as well as 42 kD (unglycosylated) and 47 kD (glycosylated) active form of MMP-1. Matrix metalloproteinase (MMPs) are a family of closely relat
Target	NSE
Immunogen	A synthetic peptide from the middle region of the human MMP-1.
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-1 containing sodium azide as a preservative.
Preservative	See individual product datasheet
Storage	Store at 2-8℃. Do not use beyond the expiration date stated on the label.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	MMP1 matrix metallopeptidase 1 (interstitial collagenase) [Homo sapiens]
Synonyms	MMP1; matrix metallopeptidase 1 (interstitial collagenase); CLG; CLGN; interstitial collagenase; fibroblast collagenase; matrix metalloprotease 1; matrix metalloproteinase 1; OTTHUMP000-00045866; NP_001139410.1; EC 3.4.24.7; NP_002412.1; EC 3.4.24; matrix metalloproteinase 1 (interstitial collagenase); MMP-1; cDNA FLJ55228, highly similar to Interstitial collagenase (EC 3.4.24.7)
Entrez Gene ID	4312
Protein Refseq	NP_001139410
UniProt ID	B4DN15
Chromosome Location	11q22.3
Pathway	Androgen Receptor Signaling Pathway; Basigin interactions; Bladder cancer; Cell surface interactions at the vascular wall; Diabetes pathways; Endothelins; Glucocorticoid receptor regulatory network; Hemostasis; Matrix Metalloproteinases; PPAR signaling pathway; Pathways in cancer; Regulation of Insulin-like Growth Factor (IGF) Activity by Insulin-like Growth Factor Binding Proteins (IGFBPs); Rheumatoid arthritis; Syndecan-1-mediated signaling events; Validated transcriptional targets of AP1 fami
Function	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221