



Anti-CDKN1C (middle region) polyclonal antibody (DPAB1984RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti-human matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) polyclonal antibody.
Antigen Description	Matrix metalloproteinase 9 (MMP-9), also known as 92 kDa type IV collagenase, 92 kDa gelatinase or gelatinase B (GELB), is an enzyme that in humans is encoded by the MMP9 gene.
Specificity	This antibody reacts with a 92 kD pro form and 86 kD active form of MMP-9. MMPs are proteolytic enzymes capable of degrading connective tissue components and play a crucial role in tumor cell invasion and metastasis. This antibody cross reacts with human
Immunogen	A synthetic peptide from the middle region of human MMP-9.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC
Cellular Localization	Cytoplasmic
Positive Control	Breast carcinoma
Format	Purified immunoglobulin fraction of rabbit antiserum against human MMP-9 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	MMP9 matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) [Homo sapiens]
Synonyms	MMP9; matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase); GELB; CLG4B; MMP-9; MANDP2; matrix metalloproteinase-9; 92 kDa gelatinase; type V collagenase; macrophage gelatinase; 92 kDa type IV collagenase; matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase); NP_004985.2; EC 3.4.24.35; Gelatinase B; matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase); OTTHUMP0000003-1674; EC 3.4.24; EC=3.4.24.35
Entrez Gene ID	4318
Protein Refseq	NP_004985
UniProt ID	P14780
Chromosome Location	20q11.2-q13.1
Pathway	Bladder cancer; CXCR4-mediated signaling events; IL-3 Signaling Pathway; Endochondral Ossification; FGF signaling pathway; LPA receptor mediated events; Leukocyte transendothelial migration; Matrix Metalloproteinases; Osteopontin Signaling; Osteopontin-mediated events; Pathways in cancer; Plasma membrane estrogen receptor signaling; Signaling by SCF-KIT; Signal Transduction; Syndecan-1-mediated signaling events; Regulation of Wnt-mediated beta catenin signaling and target gene transcription;
Function	calcium ion binding; fibronectin binding ; metal ion binding; metalloendopeptidase activity; peptidase activity; protein binding; protein complex binding; zinc ion binding