

Product Datasheet

MMP-9 Antibody - BSA Free NBP1-85575

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-85575

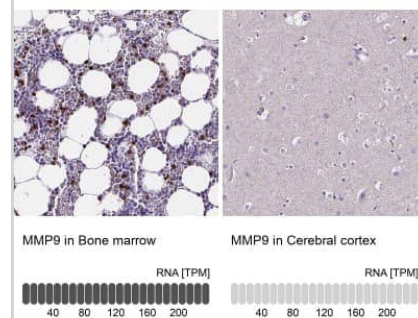
MMP-9 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	4318
Gene Symbol	MMP9
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%). Human reactivity reported in scientific literature (PMID: 23897811).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PRQRQSTLVLFPGDLRTNLTDRQLAEEYLYRYGYTRVAEMRGESKSLGPALLL LQKQLSLPETGELDSATLKAMRTPRCGVPDLGRFQTFEGDLKWHHHNITYWIQ NYSEDLPRAVIDDAFARAFALWSAVTPLTFTRVYSRDADI
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	WB reported in scientific literature (PMID: 23897811). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

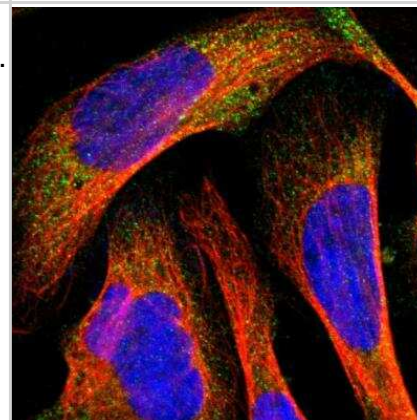


Images

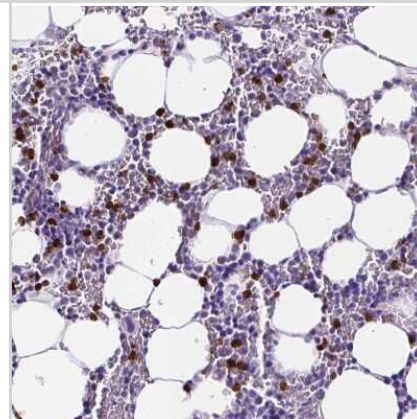
Immunohistochemistry-Paraffin: MMP-9 Antibody [NBP1-85575] - Staining in human bone marrow and cerebral cortex tissues using anti-MMP9 antibody. Corresponding MMP9 RNA-seq data are presented for the same tissues.



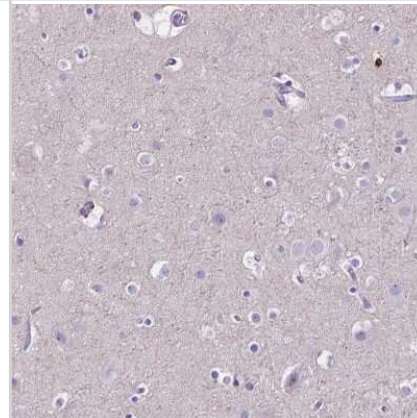
Immunocytochemistry/Immunofluorescence: MMP-9 Antibody [NBP1-85575] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: MMP-9 Antibody [NBP1-85575] - Staining of human bone marrow shows high expression.



Immunohistochemistry-Paraffin: MMP-9 Antibody [NBP1-85575] - Staining of human cerebral cortex shows low expression as expected.



Publications

Bass JA, Friesen CA, Deacy AD et al. Investigation of potential early Histologic markers of pediatric inflammatory bowel disease. BMC Gastroenterol 2015-10-13 [PMID: 26463759] (IF/IHC, Human)

Song C, Zhu S, Wu C. Histone Deacetylase (HDAC) 10 Suppresses Cervical Cancer Metastasis through Inhibition of Matrix Metalloproteinase (MMP) 2 and 9 Expression. J Biol Chem 2013-09-27 [PMID: 23897811] (WB, Human)





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Products Related to NBP1-85575

NBP1-85575PEP	MMP-9 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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