

Product Datasheet

MMP-3 Antibody - BSA Free NBP1-82431

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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NBP1-82431

MMP-3 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
Target Molecular Weight	54 kDa

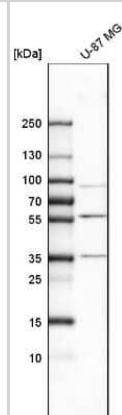
Product Description	
Host	Rabbit
Gene ID	4314
Gene Symbol	MMP3
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25457675).
Marker	Mesenchymal Cells Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MYPLYHSLTDLTRFRLSQDDINGIQSLYGPPPDSPETPLVPTEPVPPEPGTPAN CDPALSFDAVSTLRGEILIFKDRHFWRKSLRKLEPELHLISSFWPSLPSGVDAAY EVTSKDLVFIFKGNQFWAI

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC, WB reported in scientific literature (PMID: 25457675). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

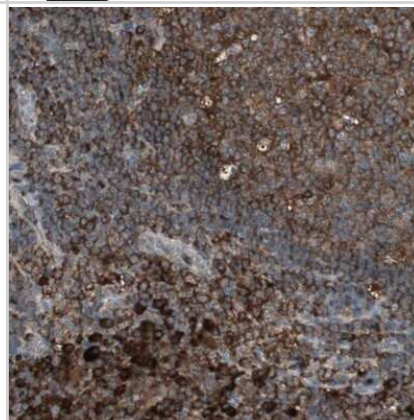


Images

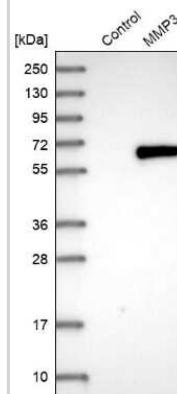
Western Blot: MMP-3 Antibody [NBP1-82431] - Analysis in human cell line U-87 MG.



Immunohistochemistry-Paraffin: MMP-3 Antibody [NBP1-82431] - Staining of human lymph node shows strong cytoplasmic positivity in reaction center cells and lymphoid cells outside reaction centra.



Western Blot: MMP-3 Antibody [NBP1-82431] - Analysis in control (vector only transfected HEK293T lysate) and MMP3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Publications

Li L, Lan J, Ye Y et al. CPEB1 Expression Correlates with Severity of Posttraumatic Ankle Osteoarthritis and Aggravates Catabolic Effect of IL-1b on Chondrocytes. *Inflammation*. 2018-11-09 [PMID: 30411210] (Human)

Agren MS, Schnabel R, Christensen LH et al. Tumor necrosis factor-alpha-accelerated degradation of type I collagen in human skin is associated with elevated matrix metalloproteinase (MMP)-1 and MMP-3 ex vivo. *Eur J Cell Biol* 2015 -01-01 [PMID: 25457675] (IF/IHC, WB, Human)

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. *Proteome Sci* 2011-11-17 [PMID: 22093360]



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Products Related to NBP1-82431

NBP1-82431PEP	MMP-3 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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