

# Product Datasheet

## Matrilin-1 Antibody - BSA Free NBP1-84433

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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### Publications: 1

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**NBP1-84433**

Matrilin-1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	4146
<b>Gene Symbol</b>	MATN1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (88%). Reactivity reported in scientific literature (PMID: 22083516)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: REIASEPVAEHYFYTADFKTINQIGKKLQKKICVEEDPCACESLVKFQAKVEGLL QALTRKLEAVSKRLAILENTVV

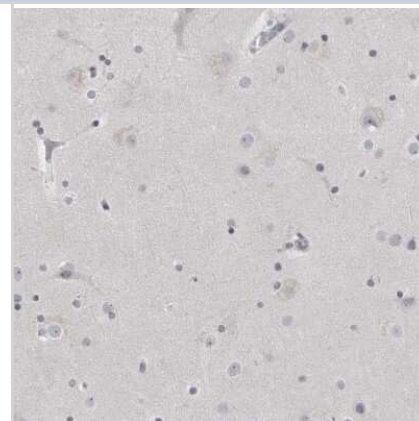
**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.



## Images

Immunohistochemistry-Paraffin: Matrilin-1 Antibody [NBP1-84433] - Staining of human cerebral cortex shows no positivity in neurons as expected.



Immunohistochemistry-Paraffin: Matrilin-1 Antibody [NBP1-84433] - Staining of human soft tissues shows strong cytoplasmic positivity in chondrocytes.



## Publications

Bell PA, Pirog KA, Fresquet M et al. Loss of matrilin 1 does not exacerbate the skeletal phenotype in a mouse model of multiple epiphyseal dysplasia caused by a Matn3 V194D mutation. Arthritis Rheum 2012-05-01 [PMID: 22083516]



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### **Products Related to NBP1-84433**

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NBP1-84433PEP	Matrilin-1 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

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### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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