

For Research Use Only

# MATN3 Recombinant antibody

Catalog Number: 86125-3-RR



## Basic Information

<b>Catalog Number:</b> 86125-3-RR	<b>GenBank Accession Number:</b> NM_002381.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4148	<b>CloneNo.:</b> 250692E1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15232	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> matrilin 3	
<b>Immunogen Catalog Number:</b> EG3136	<b>Calculated MW:</b> 53 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human milk,
<b>Species Specificity:</b> human	

## Background Information

Matrilin-3 is a protein that in humans is encoded by the MATN3 gene. It is linked to the development of many types of cartilage, and part of the Matrilin family, which includes Matrilin-1, Matrilin-2, Matrilin-3, and Matrilin-4, a family of filamentous-forming adapter oligomeric extracellular proteins that are linked to the formation of cartilage and bone, as well as maintaining homeostasis after development. It is considered an extracellular matrix protein that functions as an adapter protein where the Matrilin-3 subunit can form both homo-tetramers and hetero-oligomers with subunits from Matrilin-1 which is the cartilage matrix protein. This restricted tissue has been strongly expressed in growing skeletal tissue as well as cartilage and bone.( PMID:26499313, 27104523, 11950247)

## Storage

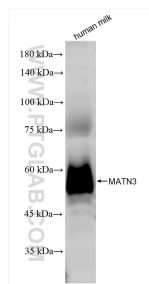
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86125-3-RR (MATN3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.