MATN3 Recombinant antibody, PBS Only

Catalog Number:86125-3-PBS

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Basic Information

Catalog Number: 86125-3-PBS	**GenBank Accession Number:** NM_002381.4	**Purification Method:** Protein A purification
Concentration: 1 mg/ml	**GeneID (NCBI):** 4148	**CloneNo.:** 250692E1
Source: Rabbit	**UNIPROT ID:** O15232	
Isotype: IgG	**Full Name:** matrilin 3	
Immunogen Catalog Number: EG3136	**Calculated MW:** 53 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
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 -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS only, pH7.3

Selected Validation Data
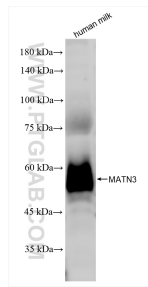
Various lysates were subjected to SDS PAGE followed by western blot with 86125-3-RR (MATN3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86125-3-PBS in a different storage buffer formulation.