

For Research Use Only

# FAM102A Polyclonal antibody, PBS Only

Catalog Number:33932-1-PBS



## Basic Information

<b>Catalog Number:</b> 33932-1-PBS	<b>GenBank Accession Number:</b> BC137088	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 399665	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5T9C2	
<b>Isotype:</b> IgG	<b>Full Name:</b> family with sequence similarity 102, member A	
<b>Immunogen Catalog Number:</b> AG40874	<b>Observed MW:</b> 43 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

FAM102A is a mitochondria-associated protein implicated in bone remodeling, particularly through regulation of osteoclast activity. Although lacking known catalytic domains, FAM102A appears to function as a regulatory factor linking mitochondrial processes to cellular differentiation and stress responses. Genetic associations with bone mineral density highlight its relevance in skeletal biology and metabolic regulation.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

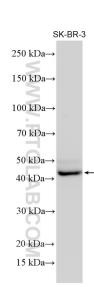
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33932-1-AP (FAM102A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33932-1-PBS in a different storage buffer formulation.