

For Research Use Only

FAM102A Polyclonal antibody

Catalog Number: 33932-1-AP



Basic Information

Catalog Number: 33932-1-AP	GenBank Accession Number: BC137088	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 440 ug/ml by Nanodrop;	GeneID (NCBI): 399665	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q5T9C2	
Isotype: IgG	Full Name: family with sequence similarity 102, member A	
Immunogen Catalog Number: AG40874	Observed MW: 43 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SK-BR-3 cells,
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

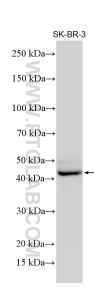
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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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.