

For Research Use Only

FAM102A Polyclonal antibody

Catalog Number:33932-1-AP



Basic Information

Catalog Number:

33932-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG40874

GenBank Accession Number:

BC137088

GeneID (NCBI):

399665

UNIPROT ID:

Q5T9C2

Full Name:

family with sequence similarity 102,
member A

Observed MW:

43 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : SK-BR-3 cells,

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

For technical support and original validation data for this product please contact:

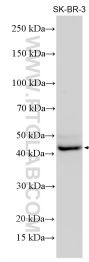
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.