

For Research Use Only

FAM210A Polyclonal antibody

Catalog Number: 31694-1-AP



Basic Information

Catalog Number:

31694-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36161

GenBank Accession Number:

NM_001098801

GeneID (NCBI):

125228

UNIPROT ID:

Q96NDO

Full Name:

chromosome 18 open reading frame

19

Calculated MW:

30kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:400-1:1600

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse adipose tissue, mouse heart tissue, rat adipose tissue

IHC : human ovary cancer tissue,

Background Information

FAM210A also known as C18orf19, is a determinant of bone and muscle structure and strength. FAM210A is required for cold-induced mitochondrial cristae remodeling, adaptive thermogenic activity, and brown adipose tissue characteristics (PMID: 37816711). FAM210A is localized to mitochondria and cytoplasm of muscle cells and myotubes (PMID: 29618611).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

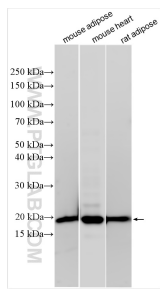
T: 4006900926

E: Proteintech-CN@ptglab.com

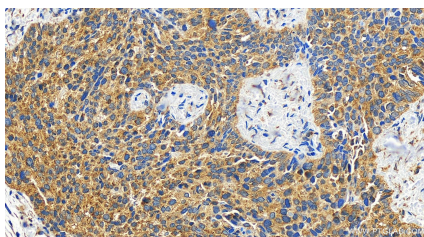
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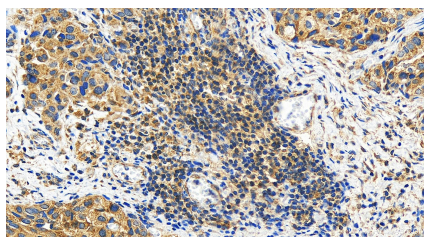
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31694-1-AP (FAM210A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 31694-1-AP (FAM210A antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 31694-1-AP (FAM210A antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).