

For Research Use Only

FAM210A Polyclonal antibody, PBS Only

Catalog Number:31694-1-PBS



Basic Information

Catalog Number:

31694-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS Only

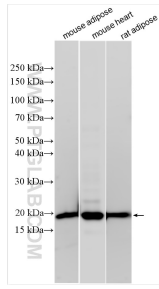
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

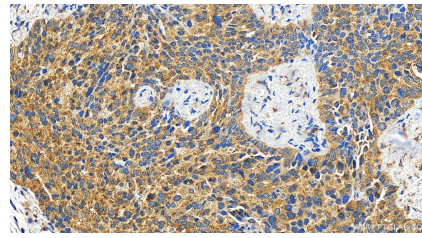
E: proteintech@ptglab.com
W: ptglab.com

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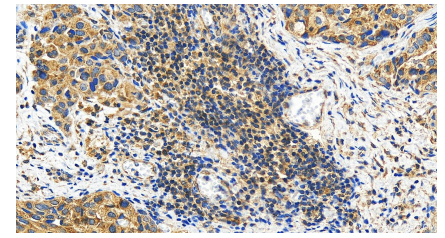
Selected Validation Data



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. This data was developed using the same antibody clone with 31694-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31694-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31694-1-PBS in a different storage buffer formulation.