

For Research Use Only

FAM210A Polyclonal antibody

Catalog Number: 31694-1-AP



Basic Information

Catalog Number: 31694-1-AP	GenBank Accession Number: NM_001098801	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 125228	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:400-1:1600
Source: Rabbit	UNIPROT ID: Q96NDO	
Isotype: IgG	Full Name: chromosome 18 open reading frame 19	
Immunogen Catalog Number: AG36161	Calculated MW: 30kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse adipose tissue, mouse heart tissue, rat adipose tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

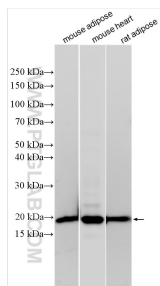
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

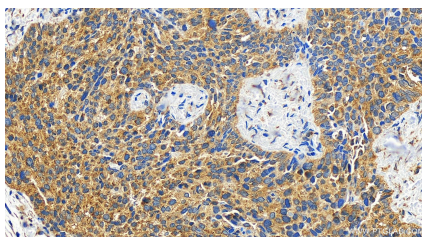
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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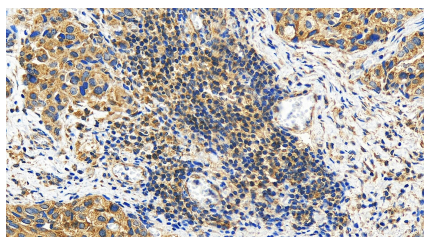
Selected Validation Data



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.



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).



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