

For Research Use Only

PLEKHF2 Polyclonal antibody, PBS Only

Catalog Number: 25424-1-PBS



Basic Information

Catalog Number:

25424-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22285

GenBank Accession Number:

BC011806

GeneID (NCBI):

79666

UNIPROT ID:

Q9H8W4

Full Name:

pleckstrin homology domain containing, family F (with FYVE domain) member 2

Calculated MW:

249 aa, 28 kDa

Observed MW:

22-27 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Phafin2 is a lysosomal protein consisting of 249 amino acids with a unique structure containing both an N-terminal PH (pleckstrin homology) domain and C terminal FYVE (Fab 1, YOTB, Vac 1, and EEA1) domain.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

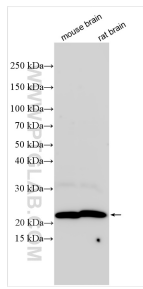
T: 4006900926

E: Proteintech-CN@ptglab.com

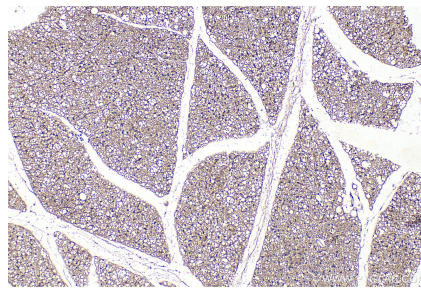
W: ptgcn.com

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

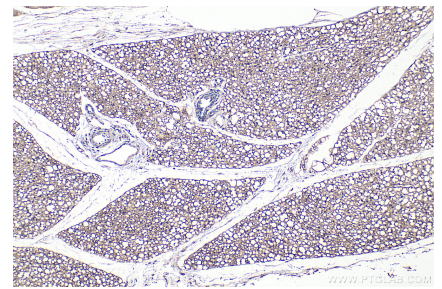
Selected Validation Data



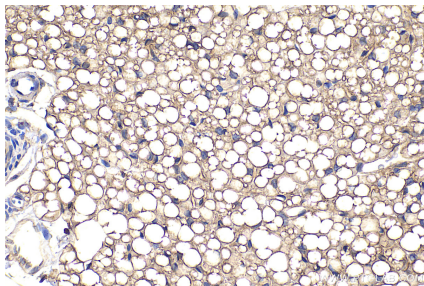
Various lysates were subjected to SDS PAGE followed by western blot with 25424-1-AP (PLEKHF2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25424-1-PBS in a different storage buffer formulation.



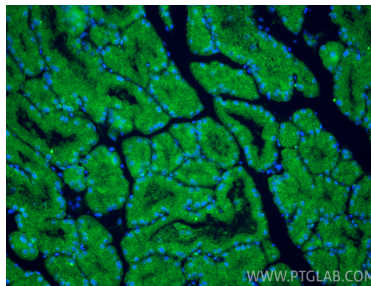
Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using 25424-1-AP (PLEKHF2 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25424-1-PBS in a different storage buffer formulation.



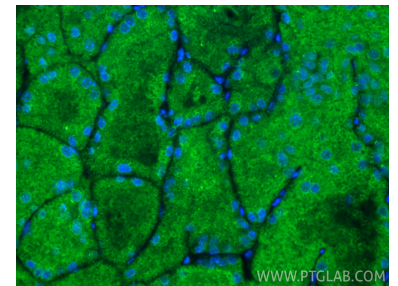
Immunohistochemical analysis of paraffin-embedded rat brown adipose tissue slide using 25424-1-AP (PLEKHF2 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25424-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat brown adipose tissue slide using 25424-1-AP (PLEKHF2 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25424-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brown adipose tissue using PLEKHF2 antibody (25424-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25424-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brown adipose tissue using PLEKHF2 antibody (25424-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25424-1-PBS in a different storage buffer formulation.