

For Research Use Only

# PLEKHF2 Polyclonal antibody, PBS Only

Catalog Number: 25424-1-PBS



## Basic Information

**Catalog Number:**

25424-1-PBS

**Size:**

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

**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.

**Storage Buffer:**

PBS only, pH7.3

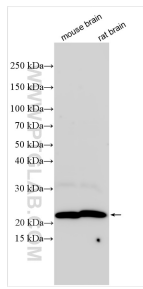
For technical support and original validation data for this product please contact:

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

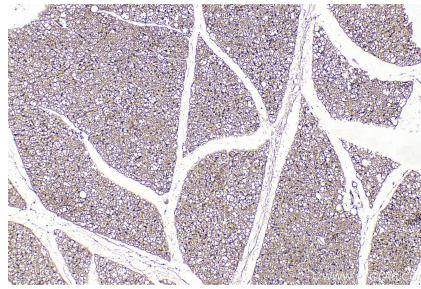
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

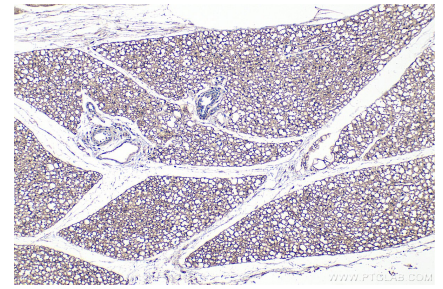
## Selected Validation Data



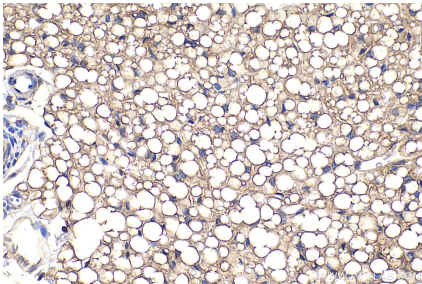
Various lysates were subjected to SDS PAGE followed by western blot with 25424-1-AP (PLEKHF2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25424-1-PBS in a different storage buffer formulation.



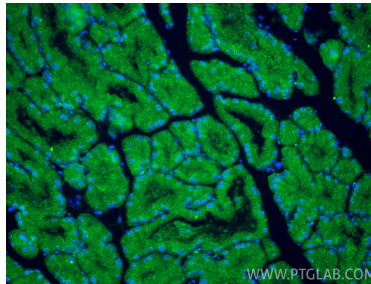
Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using 25424-1-AP (PLEKHF2 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25424-1-PBS in a different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



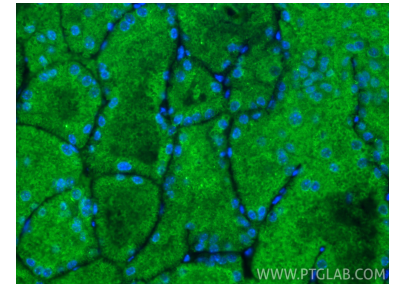
Immunohistochemical analysis of paraffin-embedded rat brown adipose tissue slide using 25424-1-AP (PLEKHF2 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25424-1-PBS in a different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