

For Research Use Only

MINDY3 Polyclonal antibody, PBS Only

Catalog Number: 26478-1-PBS



Basic Information

Catalog Number:

26478-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23520

GenBank Accession Number:

BC067799

GeneID (NCBI):

80013

UNIPROT ID:

Q9H8M7

Full Name:

chromosome 10 open reading frame

97

Observed MW:

49 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

Background Information

MINDY3 (also known as FAM63B) is a deubiquitinating enzyme (DUB) localized to the endoplasmic reticulum and belongs to the MINDY family. This protein specifically recognizes and cleaves lysine 48 (K48)-linked ubiquitin chains, which serve as the primary signal targeting proteins for proteasomal degradation, thereby playing a critical role in regulating protein stability. Research indicates that MINDY3 influences various cellular processes through its deubiquitination activity, including endoplasmic reticulum-associated degradation (ERAD), cellular stress response, and cell cycle regulation. Dysregulation of its function is closely associated with pathological processes such as cancer and neurodegenerative diseases, making it a potential target for therapeutic research.

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:

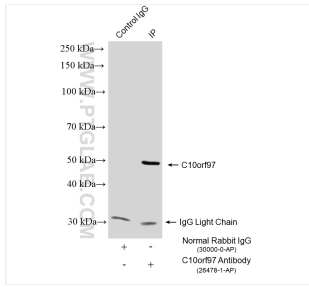
T: 4006900926

E: Proteintech-CN@ptglab.com

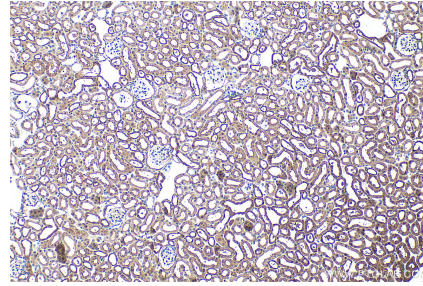
W: ptgcn.com

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

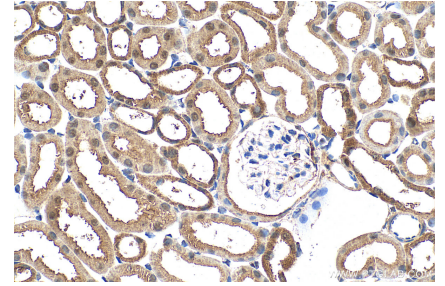
Selected Validation Data



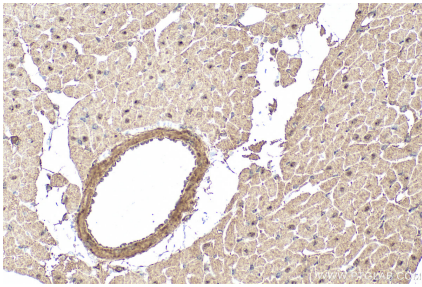
IP result of anti-C10orf97 (IP:26478-1-AP, 4ug; Detection:26478-1-AP 1:1000) with HCT 116 cells lysate 1920 ug. This data was developed using the same antibody clone with 26478-1-PBS in a different storage buffer formulation.



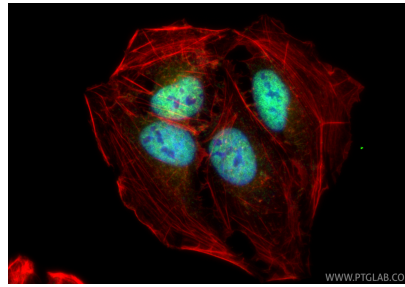
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 26478-1-AP (C10orf97 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26478-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 26478-1-AP (C10orf97 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26478-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 26478-1-AP (C10orf97 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26478-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MINDY3 antibody (26478-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 26478-1-PBS in a different storage buffer formulation.