

For Research Use Only

Multi-rAb® UCP1 Multi-Recombinant antibody

Catalog Number: RMX00036



Basic Information

Catalog Number:

RMX00036

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC098168

GeneID (NCBI):

7350

UNIPROT ID:

P25874

Full Name:

uncoupling protein 1 (mitochondrial, proton carrier)

Calculated MW:

307 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

N/A

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse brown adipose tissue,

IP: mouse brown adipose tissue,

IHC: mouse brown adipose tissue,

Background Information

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol.

Aliquoting is unnecessary for -20°C storage

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

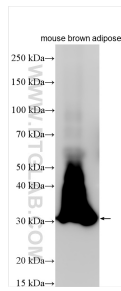
T: 4006900926

E: Proteintech-CN@ptglab.com

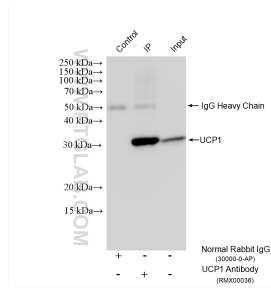
W: ptgcn.com

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

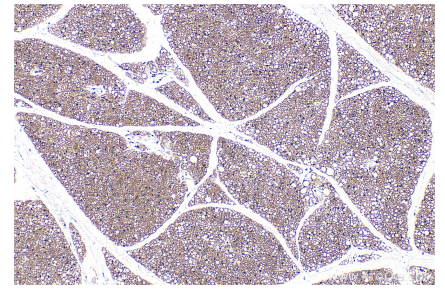
Selected Validation Data



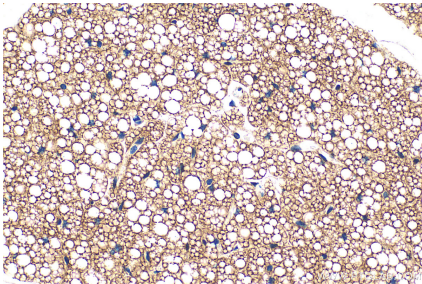
Various lysates were subjected to SDS PAGE followed by western blot with RMX00036 (UCP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-UCP1 (IP: RMX00036, 4ug; Detection: RMX00036 1:10000) with mouse brown adipose tissue lysate 1280 ug.



Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using RMX00036 (UCP1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brown adipose tissue slide using RMX00036 (UCP1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).