

For Research Use Only

# Multi-rAb® UCP1 Multi-Recombinant antibody

Catalog Number: RMX00036



## Basic Information

Catalog Number:  
RMX00036

Size:  
100ul, Concentration: 1000 µg/ml by  
Nanodrop;

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,

## 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

\*\*\* 20ul sizes contain 0.1% BSA

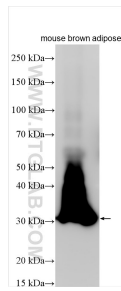
For technical support and original validation data for this product please contact:

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

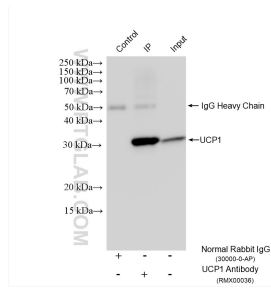
E: proteintech@ptglab.com  
W: ptglab.com

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

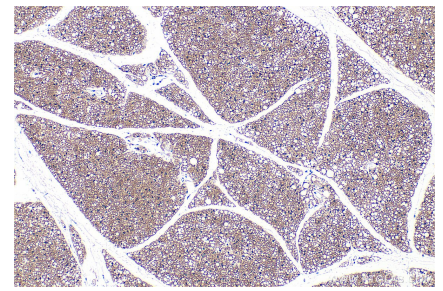
## Selected Validation Data



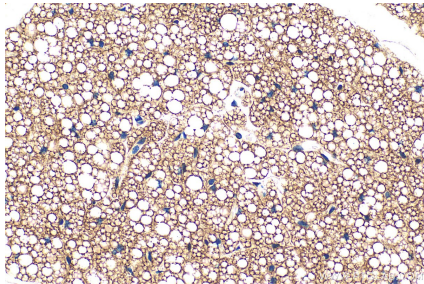
Various lysates were subjected to SDS PAGE followed by western blot with RMX00036 (UCP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).