

For Research Use Only

# UCP3 Polyclonal antibody

Catalog Number: 10750-1-AP **15 Publications**



## Basic Information

**Catalog Number:**

10750-1-AP

**Size:**

750 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1134

**GenBank Accession Number:**

BC008392

**GeneID (NCBI):**

7352

**UNIPROT ID:**

P55916

**Full Name:**

uncoupling protein 3 (mitochondrial, proton carrier)

**Calculated MW:**

34 kDa

**Observed MW:**

30-34 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, 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 skeletal muscle tissue, SGC-7901 cells, rat skeletal muscle tissue

**IHC:** human skeletal muscle tissue, human colon cancer tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
María Rodríguez-Hidalgo	30228311	Sci Rep	WB
Zimengwei Ye	36160420	Front Pharmacol	WB
Sijie Wang	36216077	Physiol Behav	WB

## Storage

**Storage:**

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

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

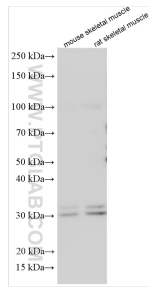
T: 4006900926

E: Proteintech-CN@ptglab.com

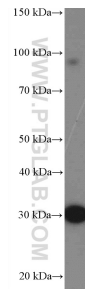
W: ptgcn.com

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

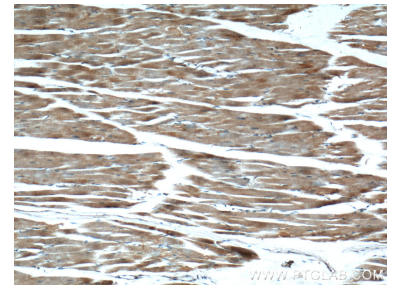
## Selected Validation Data



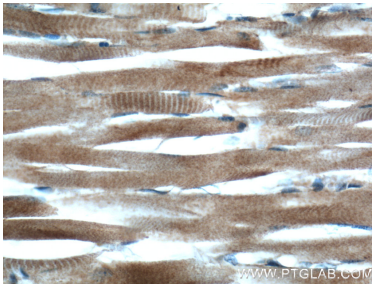
Various lysates were subjected to SDS PAGE followed by western blot with 10750-1-AP (UCP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 10750-1-AP (UCP3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 10750-1-AP (UCP3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 10750-1-AP (UCP3 Antibody) at dilution of 1:200 (under 40x lens).