

For Research Use Only

UCP3 Polyclonal antibody

Catalog Number: 10750-1-AP

16 Publications



Basic Information

Catalog Number:

10750-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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

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

*** 20ul sizes contain 0.1% BSA

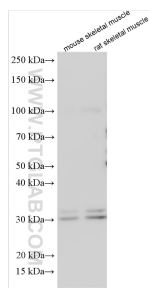
For technical support and original validation data for this product please contact:

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

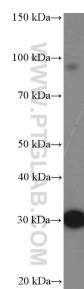
E: proteintech@ptglab.com
W: ptglab.com

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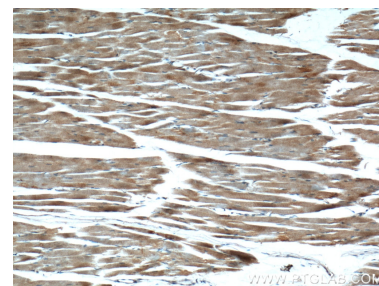
Selected Validation Data



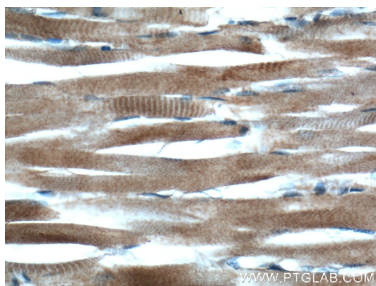
Various lysates were subjected to SDS PAGE followed by western blot with 10750-1-AP (UCP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).