

For Research Use Only

HKDC1 Polyclonal antibody

Catalog Number: 25874-1-AP **3 Publications**



Basic Information

Catalog Number:

25874-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23045

GenBank Accession Number:

BC110504

GeneID (NCBI):

80201

UNIPROT ID:

Q2TB90

Full Name:

hexokinase domain containing 1

Calculated MW:

917 aa, 103 kDa

Observed MW:

102 kDa, 82-90 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse

Cited Species:

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 : A549 cells,

IP : mouse skeletal muscle tissue,

IHC : human skeletal muscle tissue, mouse skeletal muscle tissue

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|---------------|-------------|
| Yingying Song | 35568375 | Viol Sin | WB |
| Peiwei Cong | 38478190 | J Mol Histol | WB, IHC |
| Jia Dong | 36834681 | Int J Mol Sci | IHC, IF |

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:

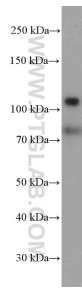
T: 4006900926

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.

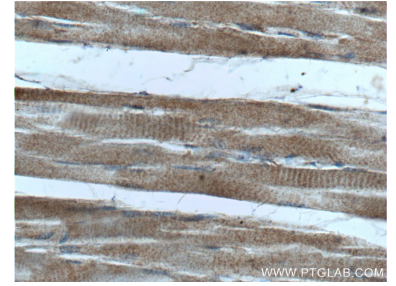
Selected Validation Data



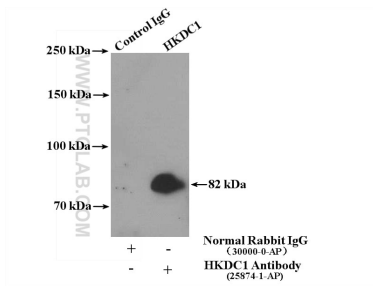
A549 cells were subjected to SDS PAGE followed by western blot with 25874-1-AP (HKDC1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 25874-1-AP (HKDC1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 25874-1-AP (HKDC1 Antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-HKDC1 (IP:25874-1-AP, 4ug; Detection:25874-1-AP 1:300) with mouse skeletal muscle tissue lysate 4000ug.