For Research Use Only

HKDC1 Polyclonal antibody

Catalog Number:25874-1-AP 4 Publications

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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 ug 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

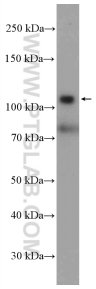
Notable Publications

Author	Pubmed ID	Journal	Application
Yingying Song	35568375	Virol Sin	WB
Peiwei Cong	38478190	J Mol Histol	WB,IHC
Qiang Pang	38434978	J Cancer	WB

Storage

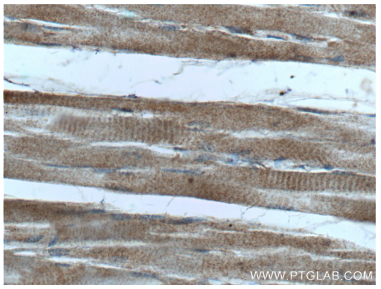
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data

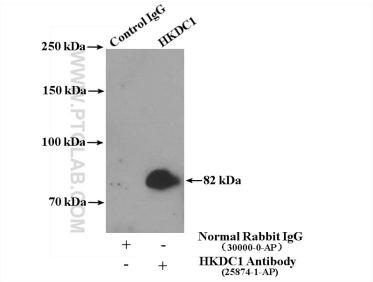


A549 cells were subjected to SDS PAGE followed by western blot with 25874-1-AP (HKDC1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

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.