

For Research Use Only

# HKDC1 Polyclonal antibody

Catalog Number: 25874-1-AP

5 Publications



## Basic Information

### Catalog Number:

25874-1-AP

### Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### 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:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### 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

## Notable Publications

Author	Pubmed ID	Journal	Application
Yingying Song	35568375	Virol Sin	WB
Shengzhou Shan	39636236	FASEB J	WB,IHC
Peiwei Cong	38478190	J Mol Histol	WB,IHC

## 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

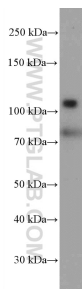
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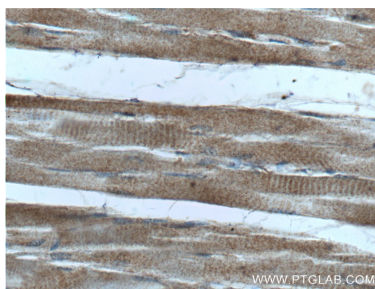
Selected Validation Data



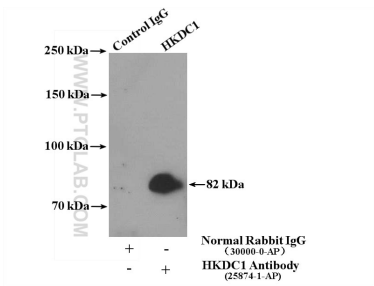
A549 cells were subjected to SDS PAGE followed by western blot with 25874-1-AP (HKDC1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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.