

For Research Use Only

HKDC1 Polyclonal antibody

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



Basic Information

Catalog Number: 25874-1-AP	GenBank Accession Number: BC110504	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 80201	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
Source: Rabbit	UNIPROT ID: Q2TB90	
Isotype: IgG	Full Name: hexokinase domain containing 1	
Immunogen Catalog Number: AG23045	Calculated MW: 917 aa, 103 kDa	
	Observed MW: 102 kDa, 82-90 kDa	

Applications

Tested Applications: WB, IP, IHC, ELISA	Positive Controls: WB : A549 cells, IP : mouse skeletal muscle tissue, IHC : human skeletal muscle tissue, mouse skeletal muscle tissue
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	

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

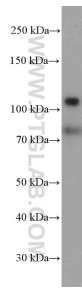
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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

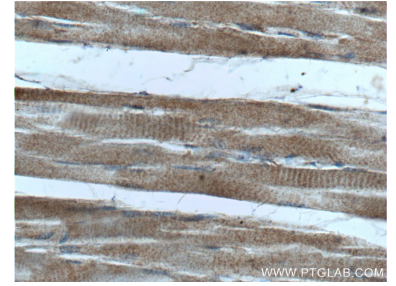
Selected Validation Data



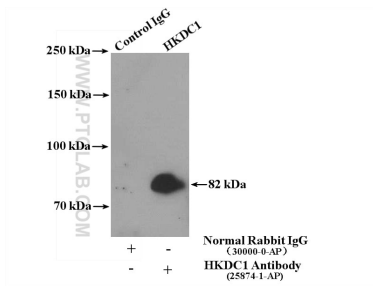
A549 cells were subjected to SDS PAGE followed by western blot with 25874-1-AP (HKDC1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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.