

For Research Use Only

AIDA Polyclonal antibody

Catalog Number: 23724-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 23724-1-AP	GenBank Accession Number: BC015535	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64853	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB IHC 1:50-1:500
Source: Rabbit	Full Name: axin interactor, dorsalization associated	
Isotype: IgG	Calculated MW: 306 aa, 35 kDa	
Immunogen Catalog Number: AG20588	Observed MW: 35-40 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, IP : HeLa cells, IHC : mouse skeletal muscle tissue, human heart tissue
Cited Applications: IF, IP, WB	
Species Specificity: human, mouse	
Cited Species: mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

AIDA, also named as C1orf80, acts as a ventralizing factor during embryogenesis. It inhibits axin-mediated JNK activation by binding axin and disrupting axin homodimerization. It's highest expression in the heart and skeletal muscle. AIDA has three isoforms with MW 35 kDa, 16 kDa and 26 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Meng Shi	33664495	Nat Cell Biol	IP
Hui Luo	29617643	Cell Metab	WB, IF

Storage

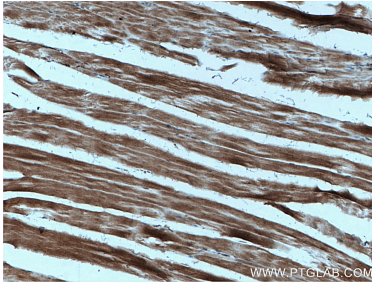
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

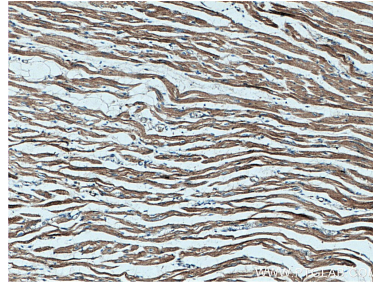
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

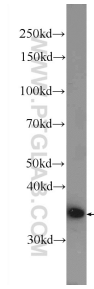
Selected Validation Data



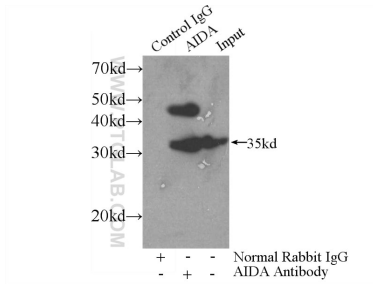
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 23724-1-AP (AIDA antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 23724-1-AP (AIDA antibody) at dilution of 1:100 (under 0x lens).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 23724-1-AP (AIDA Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-AIDA (IP:23724-1-AP, 3ug; Detection:23724-1-AP 1:600) with HeLa cells lysate 4000ug.