

For Research Use Only

# AIDA Polyclonal antibody

Catalog Number: 23724-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:

23724-1-AP

Concentration:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20588

GenBank Accession Number:

BC015535

GeneID (NCBI):

64853

UNIPROT ID:

Q96BJ3

Full Name:

axin interactor, dorsalization associated

Calculated MW:

306 aa, 35 kDa

Observed MW:

35-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

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, IHC, IP, ELISA

Cited Applications:

WB, IF, IP

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**

Positive Controls:

WB : HEK-293 cells, HeLa cells

IP : HeLa cells,

IHC : mouse skeletal muscle tissue, human heart tissue

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

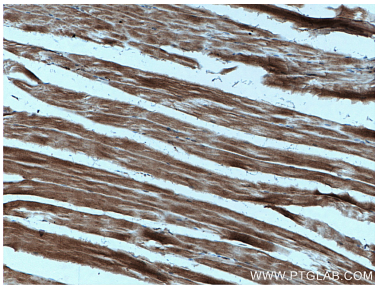
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

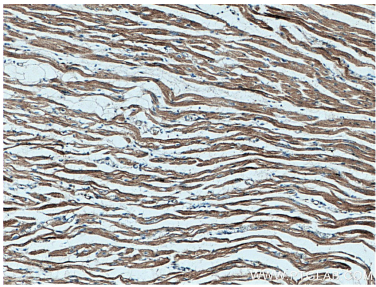
W: [ptgcn.com](http://ptgcn.com)

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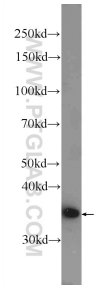
Selected Validation Data



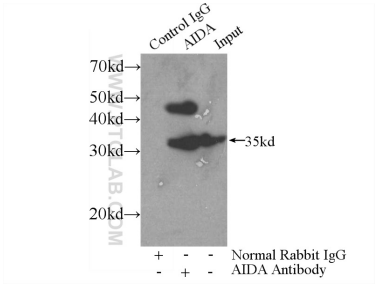
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 23724-1-AP (AIDA antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



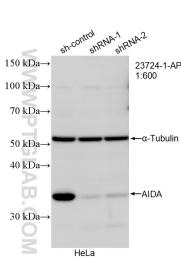
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 23724-1-AP (AIDA antibody) at dilution of 1:100 (under 0x lens).



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.



WB result of AIDA antibody (23724-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-AIDA transfected HeLa cells.