

For Research Use Only

# AIDA Polyclonal antibody

Catalog Number: 23724-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

23724-1-AP

**Size:**

800 µg/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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**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**

**Positive Controls:**

WB: HEK-293 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

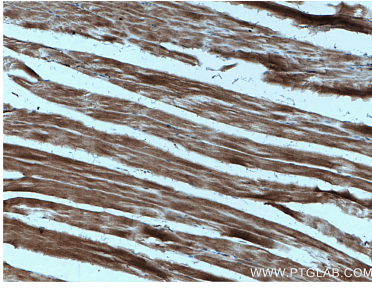
T: 4006900926

E: Proteintech-CN@ptglab.com

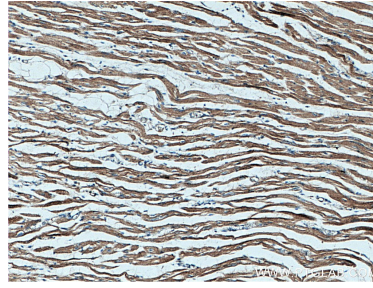
W: ptgcn.com

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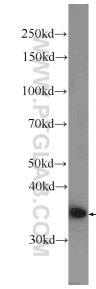
## Selected Validation Data



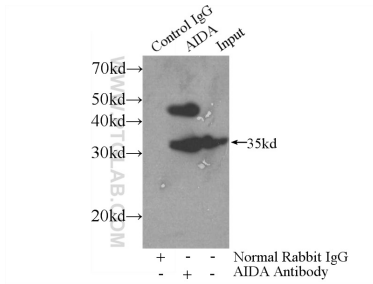
Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 23724-1-AP (AIDA antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.