

For Research Use Only

# AIDA Monoclonal antibody

Catalog Number: 68153-1-Ig



## Basic Information

<b>Catalog Number:</b> 68153-1-Ig	<b>GenBank Accession Number:</b> BC015535	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64853	<b>CloneNo.:</b> 1D11A1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96BJ3	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Full Name:</b> axin interactor, dorsalization associated	
<b>Immunogen Catalog Number:</b> AG20597	<b>Calculated MW:</b> 306 aa, 35 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> HeLa cells, COLO 320 cells, HepG2 cells, HT-29 cells, U2OS cells, K-562 cells <b>IF/ICC :</b> A431 cells,

## 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.

## Storage

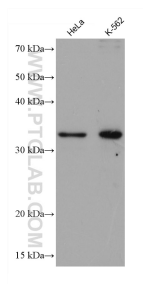
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

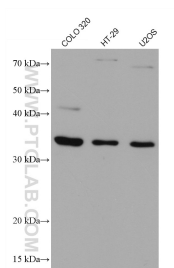
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

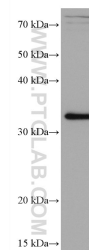
## Selected Validation Data



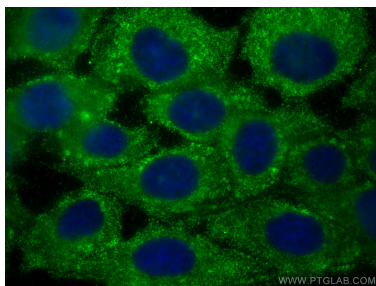
Various lysates were subjected to SDS PAGE followed by western blot with 68153-1-Ig (AIDA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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HepG2 cells were subjected to SDS PAGE followed by western blot with 68153-1-Ig (AIDA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using AIDA antibody (68153-1-Ig, Clone: 1D11A1) at dilution of 1:800 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).