

For Research Use Only

AIDA Monoclonal antibody

Catalog Number: 68153-1-Ig **Featured Product**



Basic Information

Catalog Number:

68153-1-Ig

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG20597

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 kDa

Purification Method:

Protein G purification

CloneNo.:

1D11A1

Recommended Dilutions:

WB: 1:2000-1:10000

IF/ICC: 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, COLO 320 cells, HepG2 cells, HT-29 cells, U2OS cells, K-562 cells

IF/ICC : 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

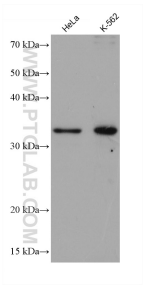
T: 4006900926

E: Proteintech-CN@ptglab.com

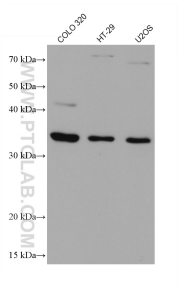
W: ptgcn.com

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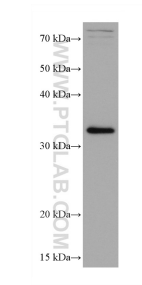
Selected Validation Data



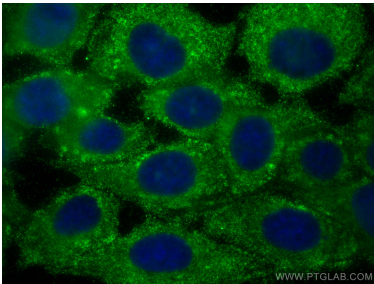
Various lysates were subjected to SDS PAGE followed by western blot with 68153-1-Ig (AIDA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



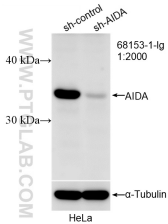
Various lysates were subjected to SDS PAGE followed by western blot with 68153-1-Ig (AIDA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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 AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of AIDA antibody (68153-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AIDA transfected HeLa cells.