

For Research Use Only

AZI2/NAP1 Polyclonal antibody

Catalog Number: 15042-1-AP

5 Publications



Basic Information

Catalog Number:

15042-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6892

GenBank Accession Number:

BC001139

GeneID (NCBI):

64343

UNIPROT ID:

Q9H6S1

Full Name:

5-azacytidine induced 2

Calculated MW:

45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells

IP : HEK-293 cells, HepG2 cells

IHC : mouse testis tissue, human pancreas tissue, human stomach tissue, human testis tissue

IF/ICC : HepG2 cells, HeLa cells

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

AZI2, also known as NAP1, is a TNF receptor (TNFR)-associated factor family member-associated NF- κ B activator-binding kinase 1-binding protein that regulates the production of IFNs. It is an adapter protein which binds TBK1 and IKK β playing a role in antiviral innate immunity.

Notable Publications

Author	Pubmed ID	Journal	Application
Run Fang	29125880	PLoS Pathog	WB
Takako Okamoto	32580962	Cancer Res	WB
Swagatika Paul	38059900	J Cell Biol	WB

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

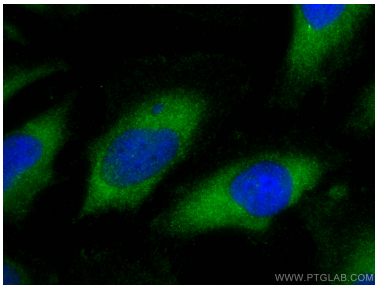
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

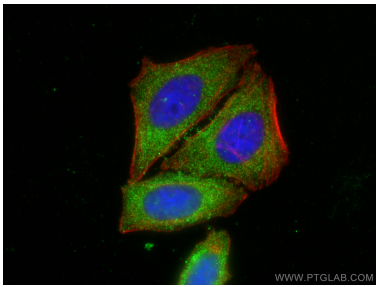
E: proteintech@ptglab.com
W: ptglab.com

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

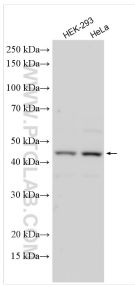
Selected Validation Data



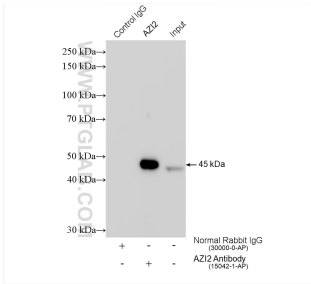
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using AZI2/NAP1 antibody (15042-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



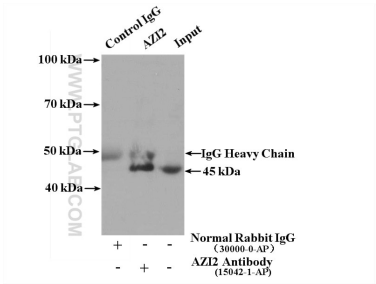
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using AZI2/NAP1 antibody (15042-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



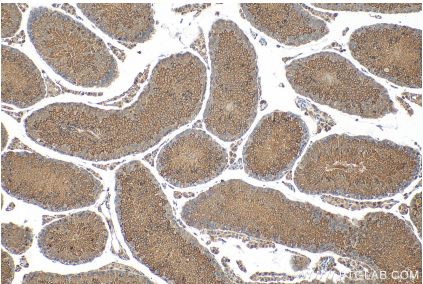
Various lysates were subjected to SDS PAGE followed by western blot with 15042-1-AP (AZI2/NAP1 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



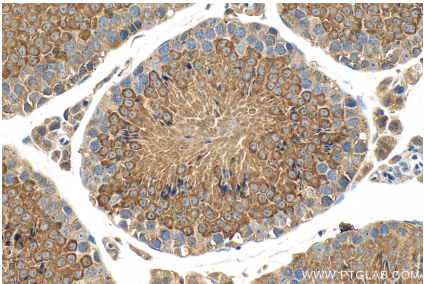
IP result of anti-AZI2/NAP1 (IP:15042-1-AP, 4ug; Detection:15042-1-AP 1:8000) with HEK-293 cells lysate 1400 ug.



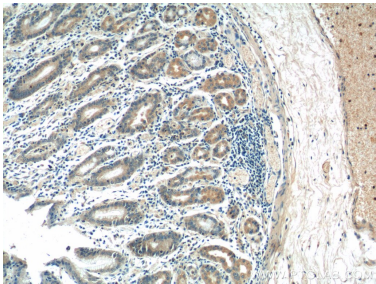
IP result of anti-AZI2/NAP1 (IP:15042-1-AP, 4ug; Detection:15042-1-AP 1:300) with HepG2 cells lysate 3000 ug.



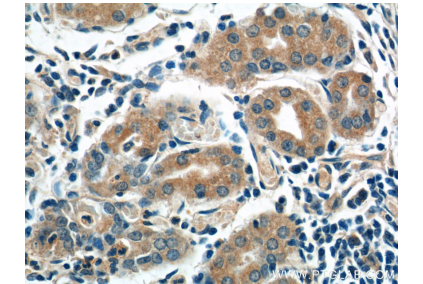
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 15042-1-AP (AZI2/NAP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 15042-1-AP (AZI2/NAP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 15042-1-AP (AZI2/NAP1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 15042-1-AP (AZI2/NAP1 antibody) at dilution of 1:50 (under 40x lens).