

For Research Use Only

Alpha Parvin/Actopaxin Polyclonal antibody

Catalog Number: 55268-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

55268-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_018222

GeneID (NCBI):

55742

UNIPROT ID:

Q9NVD7

Full Name:

parvin, alpha

Calculated MW:

42 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

IHC 1:50-1:500

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, ColP

Species Specificity:

human, mouse, rat, canine

Cited Species:

human, 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 : U2OS cells, HeLa cells, mouse kidney tissue

IP : U2OS cells,

IHC : human stomach cancer tissue, human heart tissue, human liver cancer tissue

IF/ICC : MDCK cells,

Background Information

α -Parvin (PARVA), also named as MXRA2, Actopaxin and CH-ILKBP, belongs to the parvin family. It probably plays a role in the regulation of cell adhesion and cytoskeleton organization. (PMID:11134073) This antibody is specific to α -Parvin.

Notable Publications

Author	Pubmed ID	Journal	Application
Lancia N F Darville	30127667	Proteome Sci	WB, ColP
Yesheng Fu	38582895	Nat Commun	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

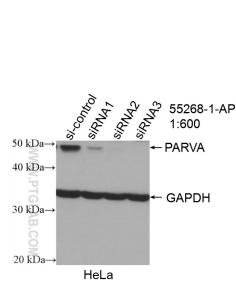
For technical support and original validation data for this product please contact:

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

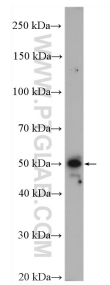
E: proteintech@ptglab.com
W: ptglab.com

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

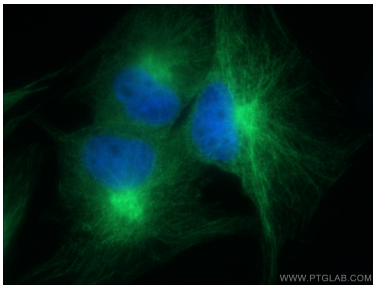
Selected Validation Data



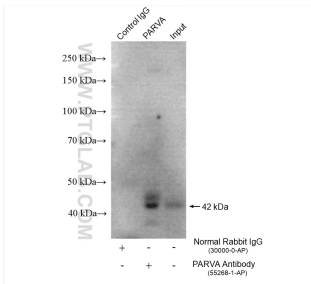
WB result of α -Parvin/Actopaxin antibody (55268-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh- α -Parvin/Actopaxin transfected HeLa cells.



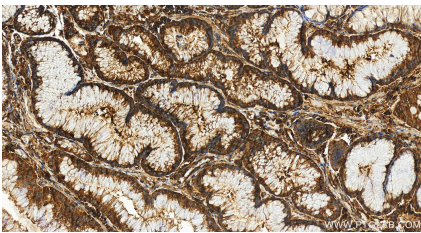
U2OS cells were subjected to SDS PAGE followed by western blot with 55268-1-AP (PARVA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of MDCK cells using 55268-1-AP (PARVA antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-Alpha Parvin/Actopaxin (IP:55268-1-AP, 4ug; Detection:55268-1-AP 1:1000) with U2OS cells lysate 0 ug.



Immunohistochemical analysis of paraffin-embedded human stomach cancer slide using 55268-1-AP (Alpha Parvin/Actopaxin antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).