

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:

1000 ug/ml

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, CoIP

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, CoIP
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

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

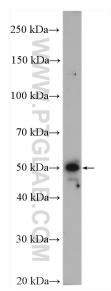
T: 4006900926

E: Proteintech-CN@ptglab.com

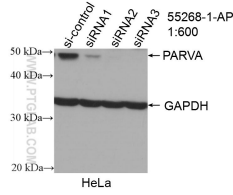
W: ptgcn.com

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

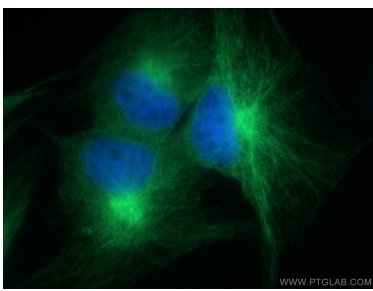
Selected Validation Data



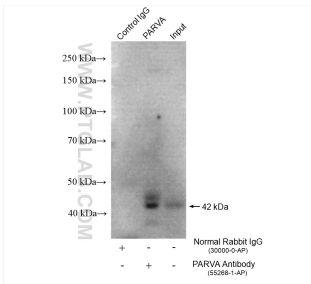
U2OS cells were subjected to SDS PAGE followed by western blot with 55268-1-AP (PARVA antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



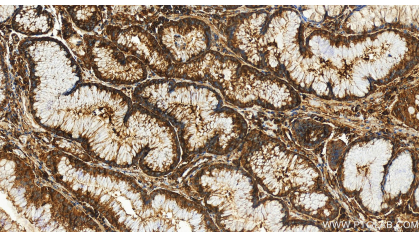
WB result of α -Parvin/Actopaxin antibody (55268-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh- α -Parvin/Actopaxin transfected HeLa cells.



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).