

For Research Use Only

PPFIA3 Polyclonal antibody

Catalog Number: 11492-1-AP **2 Publications**



Basic Information

Catalog Number:

11492-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1971

GenBank Accession Number:

BC021255

GeneID (NCBI):

8541

UNIPROT ID:

O75145

Full Name:

protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 3

Calculated MW:

1194 aa, 133 kDa

Observed MW:

140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : mouse brain tissue, HEK-293 cells, rat brain tissue

IP : mouse brain tissue,

Background Information

PPFIA3, also named as KIAA0654, belongs to the liprin family and Liprin-alpha subfamily. PPFIA3 may regulate the disassembly of focal adhesions. It may localize receptor-like tyrosine phosphatases type 2A at specific sites on the plasma membrane, possibly regulating their interaction with the extracellular environment and their association with substrates. PPFIA3 exhibits more than 5 fold accumulations in the monoribosome fraction. PPFIA3 is decreased at the protein level by the miR-99 family but not in the luciferase reporter with the 3'UTR of PPFIA3. (PMID:21212412)

Notable Publications

Author	Pubmed ID	Journal	Application
Takeshi Uemura	35385735	Cell Rep	IHC
Sun Dandan D	21212412	Cancer Res	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:

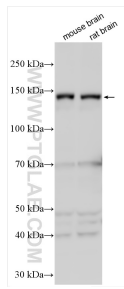
T: 4006900926

E: Proteintech-CN@ptglab.com

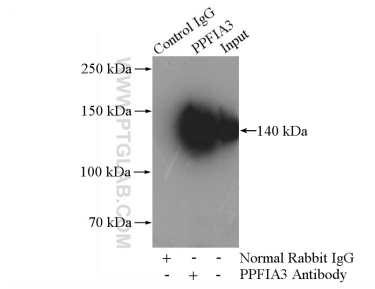
W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11492-1-AP (PPFIA3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-PPFIA3 (IP:11492-1-AP, 4ug; Detection:11492-1-AP 1:600) with mouse brain tissue lysate 3440ug.