

For Research Use Only

# PPFIA3 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 11492-1-AP	<b>GenBank Accession Number:</b> BC021255	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8541	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
<b>Source:</b> Rabbit	<b>Full Name:</b> protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1194 aa, 133 kDa	
<b>Immunogen Catalog Number:</b> AG1971	<b>Observed MW:</b> 140 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, HEK-293 cells, rat brain tissue IP : mouse brain tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse	

## 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

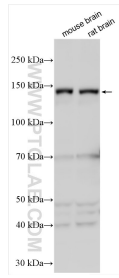
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

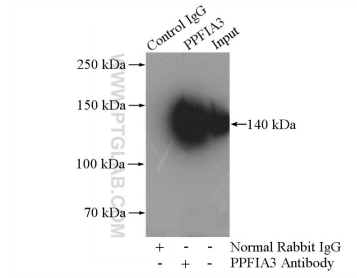
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



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, 4 $\mu$ g; Detection:11492-1-AP 1:600) with mouse brain tissue lysate 3440 $\mu$ g.