

For Research Use Only

FBP1 Polyclonal antibody, PBS Only

Catalog Number: 12842-1-PBS

Featured Product



Basic Information

Catalog Number:

12842-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3837

GenBank Accession Number:

BC012927

GeneID (NCBI):

2203

UNIPROT ID:

P09467

Full Name:

fructose-1,6-bisphosphatase 1

Calculated MW:

338 aa, 37 kDa

Observed MW:

37-40 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

FBP1 (Fructose-1,6-bisphosphatase 1) is also named as FBP and belongs to the FB Pase class 1 family. It catalyzes the hydrolysis of fructose-1,6 bisphosphate to fructose-6-phosphate and inorganic phosphate. This reaction is an important regulatory site of gluconeogenesis. Defects in FBP1 are the cause of fructose-1,6-bisphosphatase deficiency (FBPD) (PMID:12126934).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

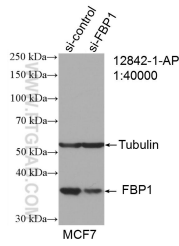
T: 4006900926

E: Proteintech-CN@ptglab.com

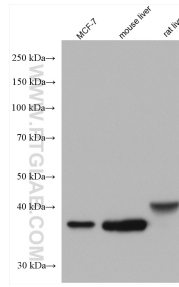
W: ptgcn.com

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

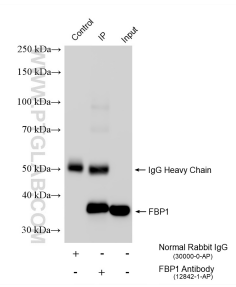
Selected Validation Data



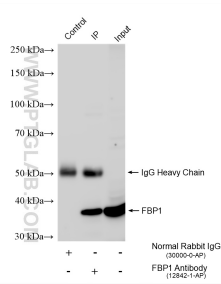
WB result of FBP1 antibody (12842-1-AP; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FBP1 transfected MCF-7 cells. This data was developed using the same antibody clone with 12842-1-PBS in a different storage buffer formulation.



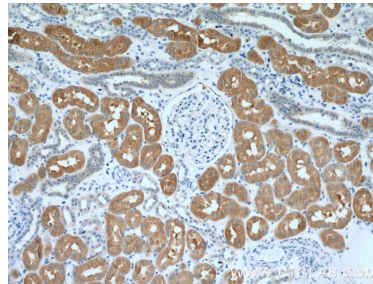
Various lysates were subjected to SDS PAGE followed by western blot with 12842-1-AP (FBP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12842-1-PBS in a different storage buffer formulation.



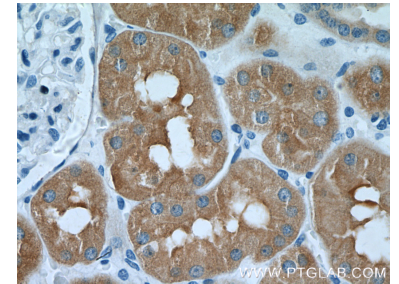
IP result of anti-FBP1 (IP:12842-1-AP, 4ug; Detection:12842-1-AP 1:10000) with mouse liver tissue lysate 2480 ug. This data was developed using the same antibody clone with 12842-1-PBS in a different storage buffer formulation.



IP result of anti-FBP1 (IP:12842-1-AP, 4ug; Detection:12842-1-AP 1:10000) with MCF-7 cells lysate 1200 ug. This data was developed using the same antibody clone with 12842-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12842-1-AP (FBP1 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 12842-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12842-1-AP (FBP1 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 12842-1-PBS in a different storage buffer formulation.