

For Research Use Only

FBP1 Recombinant monoclonal antibody

Catalog Number: 87898-1-RR



Basic Information

Catalog Number:

87898-1-RR

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 kDa

Purification Method:

Protein A purification

CloneNo.:

253535C2

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : RT-4 cells, HT-29 cells, MCF-7 cells

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

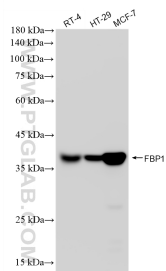
T: 4006900926

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 87898-1-RR (FBP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.