

## FBP1 Polyclonal Antibody

Catalog number: 12842-1-AP

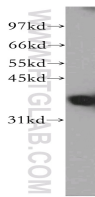
Size: 38 µg/150 µl

Source: Rabbit

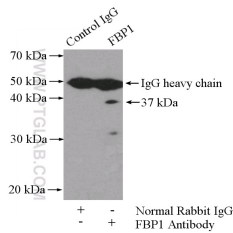
Isotype: IgG

Synonyms:

FBP1; FBP, FBP1, FB Pase 1,  
fructose 1,6 biphosphatase 1



human liver tissue were subjected to SDS PAGE followed by western blot with 12842-1-AP(FBP1 antibody) at dilution of 1:500



IP Result of anti-FBP1 (IP:12842-1-AP, 4µg; Detection:12842-1-AP 1:500) with HepG2 cells lysate 3200µg.

### Background

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).

### Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated FBP1 MW:	338aa,37 kDa
Observed FBP1 MW:	37 kDa
Positive WB detected in	Human liver tissue, human kidney tissue
Positive IP detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3837
GenBank accession number:	BC012927
Gene ID (NCBI):	2203
Full name:	Fructose-1,6-bisphosphatase 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.