

Rabbit anti-Human, mouse FBP1 Polyclonal Antibody | anti-FBP1 antibody

FBP1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289484	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

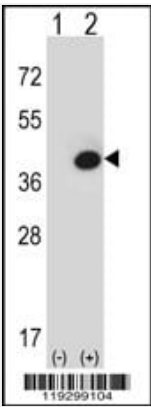
PRODUCT SYNONYMS

FBP1; Polyclonal Antibody; FBP1 Antibody (Center); Fructose-1; 6-bisphosphatase 1; FBPase 1; D-fructose-1; 6-bisphosphate 1-phosphohydrolase 1; Liver FBPase; FBP; anti-FBP1 antibody

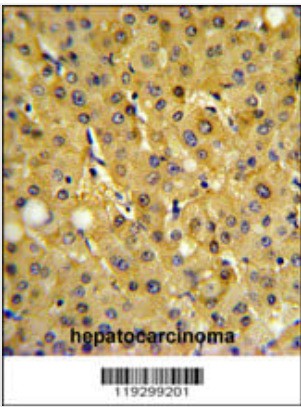
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 125-156 amino acids from the Central region of human FBP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	125-156
Sequence Length	338
Applicable Applications for anti-FBP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

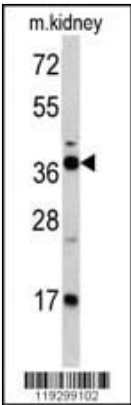
IMAGES



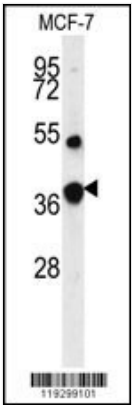
WB (Western Blot)
Western blot analysis of FBP1 (arrow) using rabbit polyclonal FBP1 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FBP1 gene.



IHC (Immunohistochemistry)
FBP1 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FBP1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of FBP1 antibody (Center) in mouse kidney tissue lysates (35ug/lane). FBP1 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of FBP1 Antibody (Center) in MCF-7 cell line lysates (35ug/lane). FBP1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FBP1 antibody	Fructose-1,6-bisphosphatase 1, a gluconeogenesis regulatory enzyme, catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. Fructose-1,6-diphosphatase deficiency is associated with hypoglycemia and metabolic acidosis.
Product Categories/Family for anti-FBP1 antibody	Cancer; Metabolism; Signal Transduction
References	Visinoni,S., Am. J. Physiol. Endocrinol. Metab. 295 (5), E1132-E1141 (2008) Kebede,M., Diabetes 57 (7), 1887-1895 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16579888
NCBI GeneID	2203
NCBI Accession #	NP_000498.2; NP_001121100.1
NCBI GenBank Nucleotide #	NM_000507.3
UniProt Accession #	P09467; O75571; Q53F94; Q96E46
Molecular Weight	36842

NCBI Official Full Name	fructose-1,6-bisphosphatase 1
NCBI Official Synonym Full Names	fructose-1,6-bisphosphatase 1
NCBI Official Symbol	FBP1
NCBI Official Synonym Symbols	FBP
NCBI Protein Information	fructose-1,6-bisphosphatase 1
UniProt Protein Name	Fructose-1,6-bisphosphatase 1
UniProt Gene Name	FBP1
UniProt Synonym Gene Names	FBP; FBPase 1
UniProt Entry Name	F16P1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/fbp1-antibody-immunohistochemistry-western-blot-elisa/289484>