

FBP1 Monoclonal Antibody | anti-FBP1 antibody

FBP1 Rabbit mAb

CATALOG # AAA314357	HOST Recombinant Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

FBP1; Monoclonal Antibody; FBP1 Rabbit mAb; FBP; anti-FBP1 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S04-1D6
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-FBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human FBP1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of FBP1 in paraffin-embedded Human lung cancer tissue using FBP1 Rabbit mAb at dilution 1/20



WB (Western Blot)

Western blot detection of FBP1 in Rat Brain lysates using FBP1 Rabbit mAb(1:1000 diluted). Predicted band size: 37kDa. Observed band size: 37kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FBP1 antibody

Catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate in the presence of divalent cations, acting as a rate-limiting enzyme in gluconeogenesis. Plays a role in regulating glucose sensing and insulin secretion of pancreatic beta-cells. Appears to modulate glycerol gluconeogenesis in liver. Important regulator of appetite and adiposity; increased expression of the protein in liver after nutrient excess increases circulating satiety hormones and reduces appetite-stimulating neuropeptides and thus seems to provide a feedback mechanism to limit weight gain.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16579888
NCBI GeneID	2203
NCBI Accession #	NP_000498.2
NCBI GenBank Nucleotide #	NM_000507.3
UniProt Accession #	P09467; O75571; Q53F94; Q96E46
Molecular Weight	36,842 Da
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; D-fructose-1,6-bisphosphate 1-phosphohydrolase 1; FBPase 1; fructose-bisphosphatase 1; growth-inhibiting protein 17; liver FBPase
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fbp1-antibody-clone-s04-1d6-immunohistochemistry-western-blot-elisa/314357>