

Rabbit anti-Human, Rat FBP2 Polyclonal Antibody | anti-FBP2 antibody

FBP2 Antibody

CATALOG # AAA234771	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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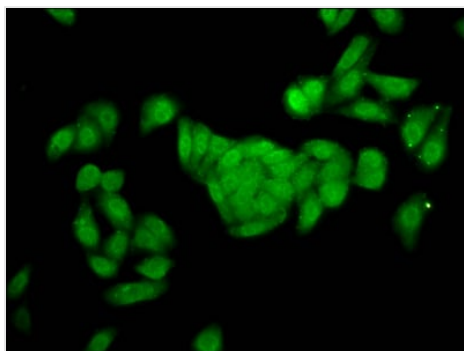
PRODUCT SYNONYMS

FBP2; Polyclonal Antibody; FBP2 Antibody; Fructose-1; 6-bisphosphatase isozyme 2; FBPase 2; D-fructose-1; 6-bisphosphate 1-phosphohydrolase 2; Muscle FBPase; anti-FBP2 antibody

PRODUCT SPECIFICATIONS

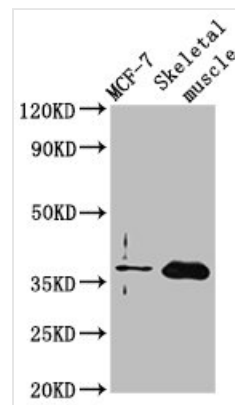
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	339
Applicable Applications for anti-FBP2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Fructose-1, 6-bisphosphatase isozyme 2 protein (283-339AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234771 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, Rat skeletal muscle tissue. All lanes: FBP2 antibody at 3.5ug/ml. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 37 KDa. Observed band size: 37 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FBP2 antibody	Catalyzes the hydrolysis of fructose 1, 6-bisphosphate to fructose 6-phosphate in the presence of divalent cations and probably participates in glycogen synthesis from carbohydrate precursors, such as lactate.
Product Categories/Family for anti-FBP2 antibody	Cancer; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	22907028
NCBI GeneID	8789
NCBI Accession #	NP_003828.2
NCBI GenBank Nucleotide #	NM_003837.3
UniProt Accession #	O00757; Q17R39; Q6FI53
Molecular Weight	36,743 Da
NCBI Official Full Name	fructose-1,6-bisphosphatase isozyme 2
NCBI Official Synonym Full Names	fructose-bisphosphatase 2
NCBI Official Symbol	FBP2
NCBI Protein Information	fructose-1,6-bisphosphatase isozyme 2
UniProt Protein Name	Fructose-1,6-bisphosphatase isozyme 2
UniProt Gene Name	FBP2
UniProt Synonym Gene Names	FBPase 2

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/polyclonal/fbp2-antibody-immunofluorescence-western-blot-elisa/234771>