

Rabbit PFKFB1/4 Polyclonal Antibody | anti-PFKFB1 antibody

PFKFB1/4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321143	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

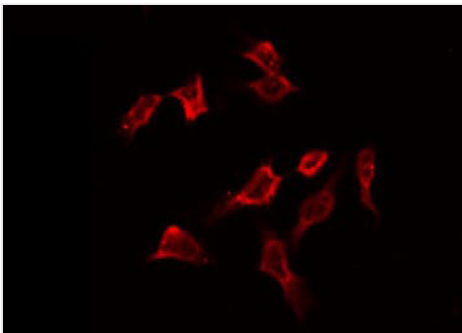
PRODUCT SYNONYMS

PFKFB1/4; Polyclonal Antibody; PFKFB1/4 Antibody; 6 phosphofructo 2 kinase/fructose 2; 6 bisphosphatase; 6 biphosphatase 3; 6-bisphosphatase; 6-P2ase 3; 6-P2ASE brain/placenta-type isozyme; 6PF 2 K/Fru 2; 6 P2ASE brain/placenta type isozyme; 6PF 2-K/Fru 2; 6 P2ase 3; 6PF-2-K/Fru-2; F263_HUMAN; fructose 6 phosphate; 2 kinase/fructose 2; Fructose-2; Inducible 6 phosphofructo 2 kinase/fructose 2; iPFK 2; iPFK-2; iPFK2; PFK/FBPase 3; PFK2; PFKFB3; Renal carcinoma antigen NY REN 56; Renal carcinoma antigen NY-REN-56; uPFK 2; anti-PFKFB1 antibody

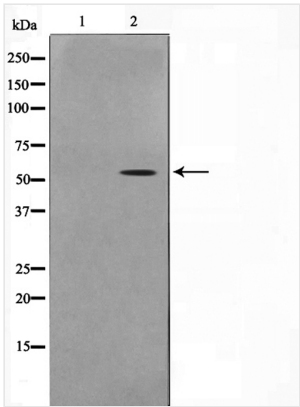
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PFKFB1/4 antibody detects endogenous levels of PFKFB1/4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	449
Applicable Applications for anti-PFKFB1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PFKFB1/4
Tissue Specificity	Liver.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

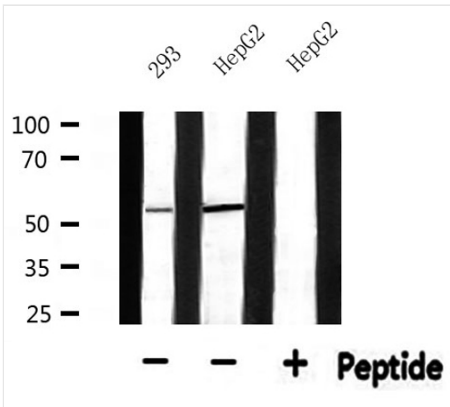
IMAGES



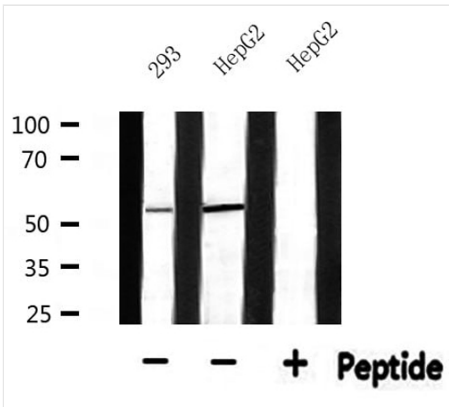
IF (Immunofluorescence)
AAA321143 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis on HeLa cell lysate using PFKFB1/4 Antibody



WB (Western Blot)
Western blot analysis of extracts from HepG2 and 293, using PFKFB1/4 Antibody.



WB (Western Blot)
Western blot analysis of extracts from 293, using PFKFB1/4 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PFKFB1 antibody	Description: PFKFB1 Synthesis and degradation of fructose 2, 6-bisphosphate. Homodimer. Liver. Phosphorylation results in inhibition of the kinase activity. Note: This description may include information from UniProtKB. Function: Synthesis and degradation of fructose 2, 6-bisphosphate. Subunit Structure: Homodimer. Similarity: In the C-terminal section; belongs to the phosphoglycerate mutase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	424036667
NCBI GeneID	5207
NCBI Accession #	NP_001258733.1
NCBI GenBank Nucleotide #	NM_001271804.1
UniProt Accession #	P16118; Q5JXS5; Q99951; B2RA88; B4DUN5
Molecular Weight	Observed: 54 kDa Predicted: 55 kDa
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 isoform 2
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1
NCBI Official Symbol	PFKFB1

NCBI Official Synonym Symbols	F6PK; HL2K; PFRX
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1
UniProt Gene Name	PFKFB1
UniProt Synonym Gene Names	F6PK; PFRX; 6PF-2-K/Fru-2,6-P2ase 1; PFK/FBPase 1

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/pfkfb1-4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321143>