

Rabbit PFKFB2 Polyclonal Antibody | anti-PFKFB2 antibody

Anti-PFKFB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260019	Rabbit	Human, Monkey	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PFKFB2; Polyclonal Antibody; Anti-PFKFB2 Antibody; 6-phosphofructo-2-kinase/fructose-2; 6-bisphosphatase 2; 6PF-2-K/Fru-2; 6-P2ase 2; PFK/FBPase 2; 6-P2ase heart-type isozyme; anti-PFKFB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PFKFB2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	471
Applicable Applications for anti-PFKFB2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PFKFB2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PFKFB2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of PFKFB2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PFKFB2 expression in HCT116 (A), NIH3T3 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PFKFB2 antibody	Rabbit polyclonal antibody to PFKFB2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	64762445
NCBI GeneID	5208
NCBI Accession #	NP_001018063.1
NCBI GenBank Nucleotide #	NM_001018053.1
UniProt Accession #	O60825; O60824; Q5VVQ3; Q5VVQ4; Q9H3P1
Molecular Weight	54,406 Da
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 isoform b
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2
NCBI Official Symbol	PFKFB2
NCBI Official Synonym Symbols	PFK-2/FBPase-2
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2
UniProt Gene Name	PFKFB2
UniProt Synonym Gene Names	6PF-2-K/Fru-2,6-P2ase 2; PFK/FBPase 2
UniProt Entry Name	F262_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/polyclonal/pfkfb2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260019>