

Rabbit anti-Human, Rat PFKFB3 Polyclonal Antibody | anti-PFKFB3 antibody

PFKFB3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329580	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

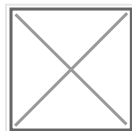
PRODUCT SYNONYMS

PFKFB3; Polyclonal Antibody; PFKFB3 Antibody; 6 phosphofructo 2 kinase/ fructose 2; 6 bisphosphatase; 6 phosphofructo 2 kinase/fructose 2; 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; Renal carcinoma antigen NY REN 56; Renal carcinoma antigen NY-REN-56; uPFK; anti-PFKFB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	PFKFB3 Antibody detects endogenous levels of total PFKFB3. Tissue Specificity: Ubiquitous.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PFKFB3 antibody	ELISA (Peptide ELISA), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PFKFB3.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylation by AMPK stimulates activity.
Similarity	In the C-terminal section; belongs to the phosphoglycerate mutase family.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

Staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(AF6581) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from 293 cells(heat shock treatment), using PFKFB3 Antibody. The lane on the left was treated with blocking peptide. Observed bands: 53kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PFKFB3 antibody	Synthesis and degradation of fructose 2,6-bisphosphate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224282149
NCBI GeneID	5209
NCBI Accession #	NP_001138915.1
NCBI GenBank Nucleotide #	NM_001145443.1
UniProt Accession #	Q16875; O43622; O75902; Q5VX19
Molecular Weight	59,609 Da
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 isoform 2
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
NCBI Official Symbol	PFKFB3
NCBI Official Synonym Symbols	PFK2; IPFK2
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3; IPFK-2; PFK/FBPase 3; 6PF-2-K/Fru-2,6-P2ase 3; renal carcinoma antigen NY-REN-56; 6PF-2-K/Fru-2,6-P2ase brain/placenta-type isozyme; 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase; 6-phosphofr
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
UniProt Gene Name	PFKFB3
UniProt Synonym Gene Names	6PF-2-K/Fru-2,6-P2ase 3
UniProt Entry Name	F263_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/pfkfb3-antibody-peptide-elisa-immunocytochemistry-immunofluorescence-western-blot-elisa/329580>