

Rabbit PFKFB3 Polyclonal Antibody | anti-PFKFB3 antibody

PFKFB3-Specific Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322843	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

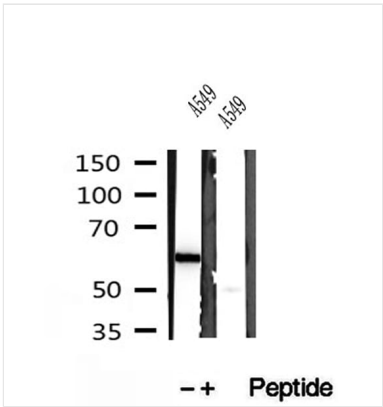
PRODUCT SYNONYMS

PFKFB3; Polyclonal Antibody; PFKFB3-Specific 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; Renal carcinoma antigen NY REN 56; Renal carcinoma antigen NY-REN-56; uPFK 2; anti-PFKFB3 antibody

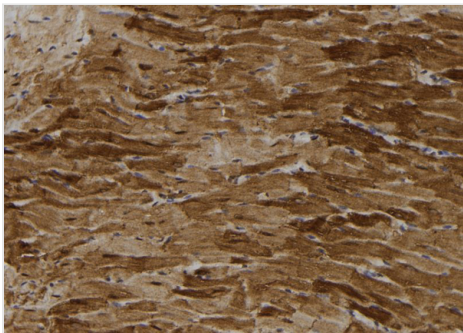
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PFKFB3-Specific antibody detects endogenous levels of PFKFB3-Specific.
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	534
Applicable Applications for anti-PFKFB3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PFKFB3-Specific.
Tissue Specificity	Ubiquitous.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of A549 cells, using PFKFB3-Specific antibody.



IHC (Immunohistochemistry)
AAA322843 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PFKFB3 antibody	Function: Synthesis and degradation of fructose 2, 6-bisphosphate. Post-translational Modifications: Phosphorylation by AMPK stimulates activity. Similarity: In the C-terminal section; belongs to the phosphoglycerate mutase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	544063393
NCBI GeneID	5209
NCBI Accession #	NP_001269559.1
NCBI GenBank Nucleotide #	NM_001282630.2
UniProt Accession #	Q16875; O43622; O75902; Q5VX15; Q5VX18; Q5VX19; B7Z955
Molecular Weight	Observed: 58 kDa Predicted: 60 kDa
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3 isoform 3
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
NCBI Official Symbol	PFKFB3
NCBI Official Synonym Symbols	PFK2; IPFK2; iPFK-2
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3
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; PFK/FBPase 3

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.