

Rabbit PFK-B Polyclonal Antibody | anti-PFK-B antibody

PFK-B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA295587	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

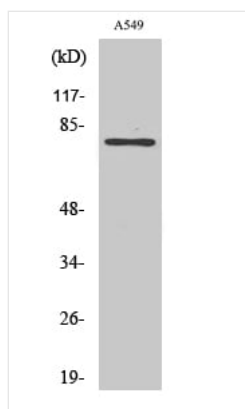
PRODUCT SYNONYMS

PFK-B; Polyclonal Antibody; PFK-B Polyclonal Antibody; PFKL; 6-phosphofructokinase; liver type; Phosphofructo-1-kinase isozyme B; Phosphofructokinase 1; Phosphohexokinase; anti-PFK-B antibody

PRODUCT SPECIFICATIONS

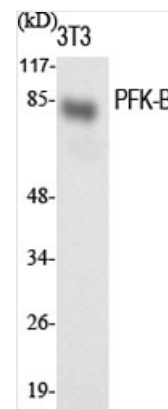
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-PFK-B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.
Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-PFK-B antibody

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1, 6-bisphosphate by ATP, the first committing step of glycolysis (PubMed:22923583). Negatively regulates the phagocyte oxidative burst in response to bacterial infection by controlling cellular NADPH biosynthesis and NADPH oxidase-derived reactive oxygen species. Upon macrophage activation, drives the metabolic switch toward glycolysis, thus preventing glucose turnover that produces NADPH via pentose phosphate pathway (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762920
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NCBI GeneID	5211
NCBI Accession #	NP_002617.3
NCBI GenBank Nucleotide #	NM_002626.4
UniProt Accession #	P17858; Q96A64; Q96IH4; Q9BR91
Molecular Weight	85,018 Da
NCBI Official Full Name	6-phosphofructokinase, liver type
NCBI Official Synonym Full Names	phosphofructokinase, liver
NCBI Official Symbol	PFKL
NCBI Official Synonym Symbols	PFK-B
NCBI Protein Information	6-phosphofructokinase, liver type; phosphohexokinase; phosphofructokinase 1; liver-type 1-phosphofructokinase; phosphofructo-1-kinase isozyme B
UniProt Protein Name	6-phosphofructokinase, liver type
UniProt Gene Name	PFKL
UniProt Synonym Gene Names	PFK-B
UniProt Entry Name	K6PL_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/pfk-b-antibody-immunohistochemistry-western-blot-elisa/295587>