

Rabbit PFK Polyclonal Antibody | anti-PFK antibody

PFK antibody

CATALOG # AAA107808	HOST Rabbit	APPLICATIONS Western Blot
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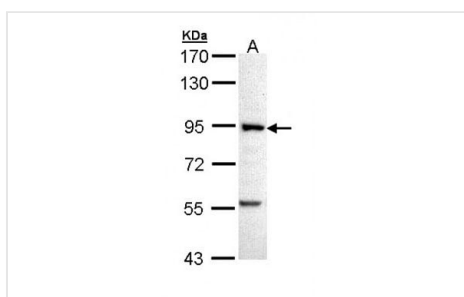
PRODUCT SYNONYMS

PFK; Polyclonal Antibody; PFK antibody; Polyclonal PFK; Anti-PFK; GSD7; phosphohexokinase; PFKA; phosphofructokinase 1; phosphofructo-1-kinase isozyme A; PFKM; PFK1; PFKX; PFK-1; MGC8699; phosphofructokinase-M; anti-PFK antibody

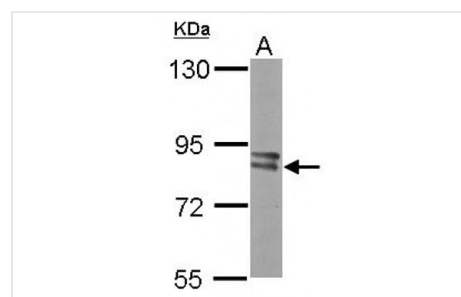
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PFK antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.92 mg/ml (varies by lot)
Sequence Length	950
Applicable Applications for anti-PFK antibody	WB (Western Blot)
Biological Significance	The PFKM gene encodes the muscle isoform of phosphofructokinase. PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis. Mammalian PFK is a tetramer made up of various combinations of 3 subunits: muscle, liver, and platelet, the genes for which are located on chromosomes 12q13, 21q22, and 10p, respectively. The composition of the tetramers differs according to the tissue type. Muscle and liver PFK are a homotetramers of 4M and 4L subunits, respectively. Erythrocytes contain both L and M subunits, which randomly tetramerize to form M4, L4, and M3L, M2L2, and ML3 hybrid forms of the holoenzyme.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: A431) using a 7.5 % SDS PAGE gel and PFK antibody at a dilution of 1:5000


WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 7.5 % SDS PAGE gel and PFK antibody at a dilution of 1:2000

ADDITIONAL INFORMATION

Related Product Information for anti-PFK antibody	Affinity purified Rabbit polyclonal PFK antibody
Product Categories/Family for anti-PFK antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	194176003
NCBI GeneID	6528870
Molecular Weight	85 kDa
NCBI Official Full Name	Pfk
NCBI Official Symbol	DyakPfk
NCBI Official Synonym Symbols	DyakGE19339; dyak_GLEANR_3112; GE19339; Pfk
NCBI Protein Information	GE19339 gene product from transcript GE19339-RA
UniProt Protein Name	ATP-dependent 6-phosphofructokinase
UniProt Gene Name	Pfk
UniProt Synonym Gene Names	ATP-PFK; Phosphofructokinase
UniProt Entry Name	B4NX53_DROYA

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-antibody-western-blot-elisa/107808>