

Rabbit PFKL Polyclonal Antibody | anti-PFKL antibody

Anti-PFKL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105217	Rabbit	Human, Mouse, Rat, Bovine	Immunofluorescence, Immunohistochemistry, Western Blot

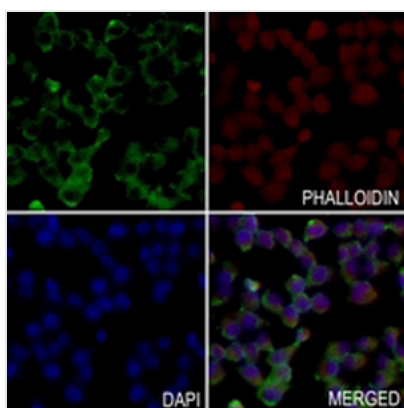
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

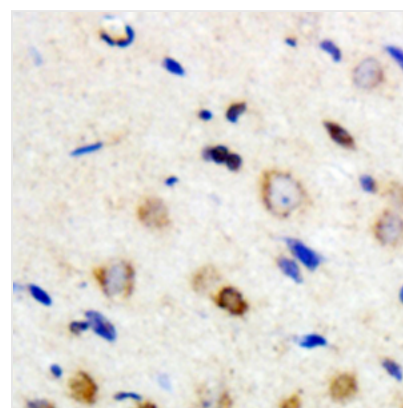
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PFKL protein.
Purity/Purification	Purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	830
Applicable Applications for anti-PFKL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PFKL. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



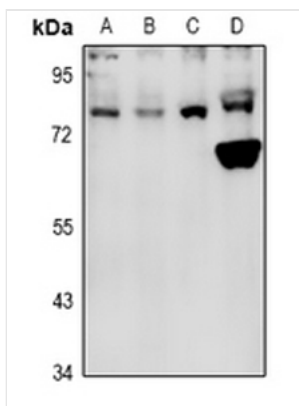
IF (Immunofluorescence)

Immunofluorescent analysis of PFKL staining in A2780 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain the cytoplasm (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of PFKL staining in human brain 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 PFKL expression in SGC7901 (A), HepG2 (B), HEK293T (C), AML12 (D) whole cell lysates.

ADDITIONAL INFORMATION

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

NCBI GI #	590122057
NCBI GeneID	5211
NCBI Accession #	NP_001002021.2
NCBI GenBank Nucleotide #	NM_001002021.2
UniProt Accession #	P17858; Q96A64; Q96IH4; Q9BR91
NCBI Official Full Name	ATP-dependent 6-phosphofructokinase, liver type isoform a
NCBI Official Synonym Full Names	phosphofructokinase, liver
NCBI Official Symbol	PFKL
NCBI Official Synonym Symbols	PFK-B; PFK-L; ATP-PFK
NCBI Protein Information	ATP-dependent 6-phosphofructokinase, liver type; ATP-PFK; phosphohexokinase; 6-phosphofructokinase type B; liver-type 1-phosphofructokinase; phosphofructo-1-kinase isozyme B
UniProt Protein Name	ATP-dependent 6-phosphofructokinase, liver type
UniProt Gene Name	PFKL
UniProt Synonym Gene Names	ATP-PFK; PFK-L
UniProt Entry Name	PFKAL_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/pfkl-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/105217>