

Rabbit PFKFB1 Polyclonal Antibody | anti-PFKFB1 antibody

PFKFB1 Polyclonal Antibody

CATALOG # AAA168578	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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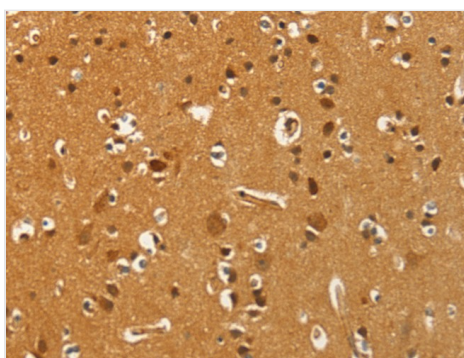
PRODUCT SYNONYMS

PFKFB1; Polyclonal Antibody; PFKFB1 Polyclonal Antibody; F6PK; HL2K; PFRX; anti-PFKFB1 antibody

PRODUCT SPECIFICATIONS

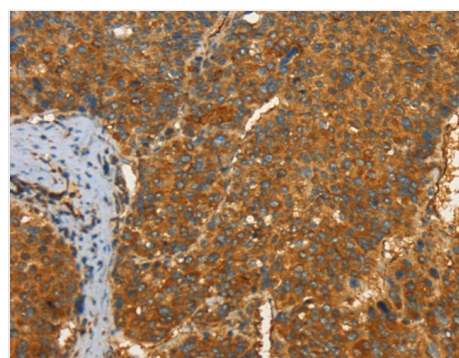
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.8mg/mL (varies by lot)
Sequence Length	271
Applicable Applications for anti-PFKFB1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PFKFB1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using PFKFB1 Polyclonal Antibody at dilution 1:60



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PFKFB1 Polyclonal Antibody at dilution 1:60

ADDITIONAL INFORMATION

Related Product Information for anti-PFKFB1 antibody	This gene encodes a member of the family of bifunctional 6-phosphofructo-2-kinase:fructose-2, 6-biphosphatase enzymes. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2, 6-biphosphate using independent catalytic domains. Fructose-2, 6-biphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2, 6-biphosphate levels through the activity of this enzyme is thought to regulate glucose homeostasis. Multiple alternatively spliced transcript variants have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	64654084
NCBI GeneID	5207
Molecular Weight	47,426 Da
NCBI Official Full Name	PFKFB1 protein
NCBI Official Synonym Full Names	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1
NCBI Official Symbol	PFKFB1
NCBI Official Synonym Symbols	F6PK; HL2K; PFRX
NCBI Protein Information	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1; 6PF-2-K/Fru-2,6-P2ASE liver isozyme; 6PF-2-K/Fru-2,6-P2ase 1; PFK/FBPase 1; fructose-6-phosphate,2-kinase:fructose-2,6-bisphosphatase
UniProt Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1
UniProt Gene Name	PFKFB1
UniProt Synonym Gene Names	F6PK; PFRX; 6PF-2-K/Fru-2,6-P2ase 1; PFK/FBPase 1
UniProt Entry Name	F261_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.