

Rabbit anti-Human PFKFB1 Polyclonal Antibody | anti-PFKFB1 antibody

PFKFB1 Antibody

CATALOG # AAA301147	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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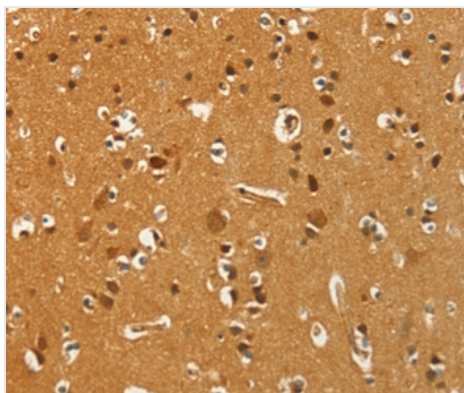
PRODUCT SYNONYMS

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

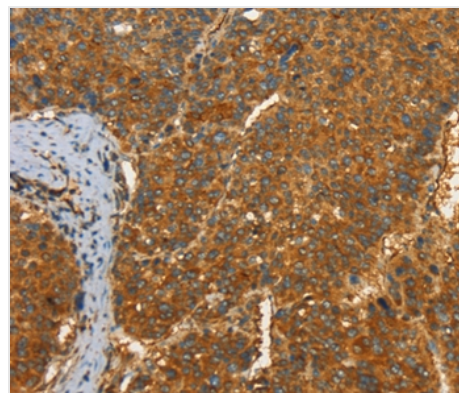
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PFKFB1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.8 mg/ml (varies by lot)
Sequence Length	449
Applicable Applications for anti-PFKFB1 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1
Target Name	PFKFB1
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/60.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using 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.
Product Categories/Family for anti-PFKFB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	424036667
NCBI GeneID	5207
NCBI Accession #	NP_001258733.1
NCBI GenBank Nucleotide #	NM_001271804.1
UniProt Accession #	P16118; Q5JXS5; Q99951; B2RA88; B4DUN5
Molecular Weight	47,426 Da
NCBI Official Full Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 isoform 2
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
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.