

PFK-2 liv Rabbit pAb

CatalogNo: YT3683

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 58kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:5000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human PFKFB1. AA range: 406-455

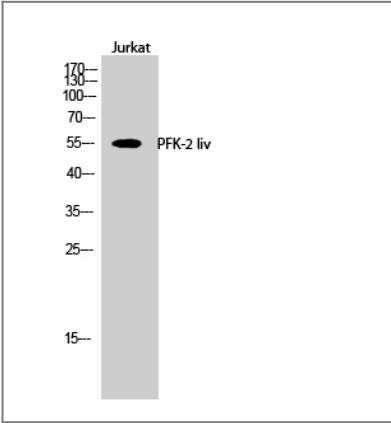
Specificity

PFK-2 liv Polyclonal Antibody detects endogenous levels of PFK-2 liv protein.

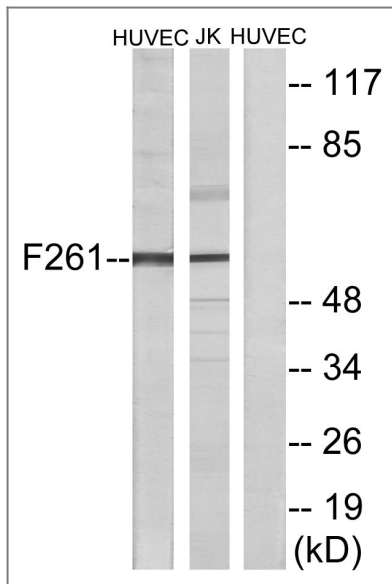
Target Information

Gene name	PFKFB1		
Protein Name	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1		
	Organism	Gene ID	UniProt ID
	Human	5207;	P16118;
	Mouse	18639;	P70266;
	Rat	24638;	P07953;
Cellular Localization	cytosol,6-phosphofructo-2-kinase/fructose-2,6-biphosphatase complex,		
Tissue specificity	Liver.		
Function	Catalytic activity:ATP + D-fructose 6-phosphate = ADP + beta-D-fructose 2,6-bisphosphate.,Catalytic activity:Beta-D-fructose 2,6-bisphosphate + H(2)O = D-fructose 6-phosphate + phosphate.,enzyme regulation:Phosphorylation results in inhibition of the kinase activity.,Function:Synthesis and degradation of fructose 2,6-bisphosphate.,similarity:In the C-terminal section; belongs to the phosphoglycerate mutase family.,subunit:Homodimer.,tissue specificity:Liver.,		

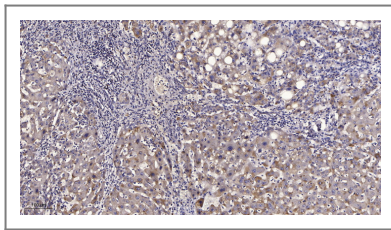
| Validation Data



Western Blot analysis of Jurkat cells using PFK-2 liv Polyclonal Antibody



Western blot analysis of lysates from HUVEC cells and Jurkat cells, using PFKFB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information:
PFK-2 liv Rabbit pAb

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