

PFK-2 liv/tes Rabbit pAb

CatalogNo: YT3684

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA, IHC

MW

- 54kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

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 PFKFB1/4. AA range:331-380

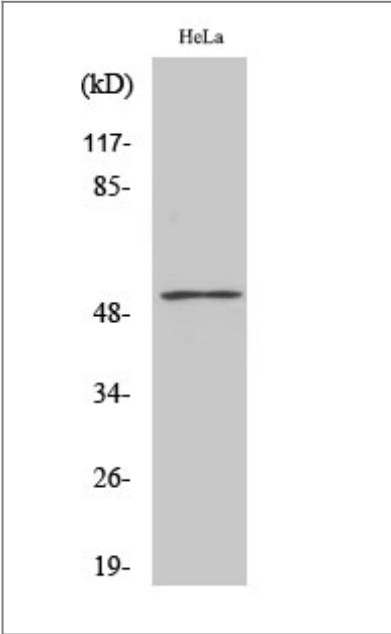
Specificity

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

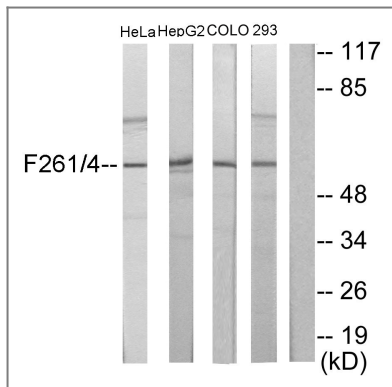
Target Information

Gene name	PFKFB1/PFKFB4		
Protein Name	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1/4		
	Organism	Gene ID	UniProt ID
	Human	5207 ; 5210 ;	P16118 ; Q16877 ;
	Mouse	18639 ; 270198 ;	
	Rat	24638 ; 54283 ;	P07953 ; P25114 ;
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.,		

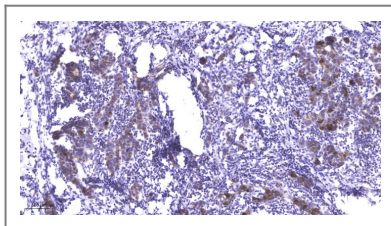
| Validation Data



Western Blot analysis of various cells using PFK-2 liv/tes Polyclonal Antibody



Western blot analysis of lysates from HeLa, HepG2, COLO205, and 293 cells, using PFKFB1/4 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Breast 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/tes Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)