

Product datasheet for **TA308631**

PFKL Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 428 and 674 of PFKL (Uniprot ID#P17858)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	90 kDa
Gene Name:	phosphofructokinase, liver type
Database Link:	NP_001002021 Entrez Gene 18641 Mouse Entrez Gene 25741 Rat Entrez Gene 5211 Human P17858
Background:	Phosphofructokinase (PFK) is a tetrameric enzyme that catalyzes a key step in glycolysis, namely the conversion of D-fructose 6-phosphate to D-fructose 1,6-bisphosphate. Separate genes encode a muscle subunit (M) and a liver subunit (L). PFK from muscle is a homotetramer of M subunits, PFK from liver is a homotetramer of L-subunits, while PFK from platelets can be composed of any tetrameric combination of M and L subunits. The protein encoded by this gene represents the L subunit. Alternate splicing results in two transcript variants, one of which is a candidate for nonsense-mediated decay (NMD). [provided by RefSeq]



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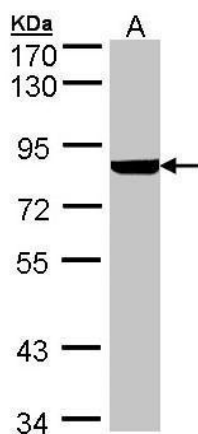
Synonyms: ATP-PFK; PFK-B; PFK-L

Note: Seq homology of immunogen across species: Mouse (95%), Rat (95%), Bovine (94%)

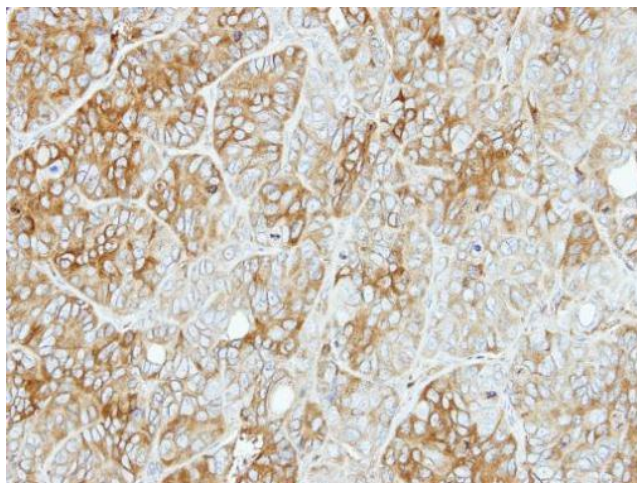
Protein Families: Druggable Genome

Protein Pathways: Fructose and mannose metabolism, Galactose metabolism, Glycolysis / Gluconeogenesis, Metabolic pathways, Pentose phosphate pathway

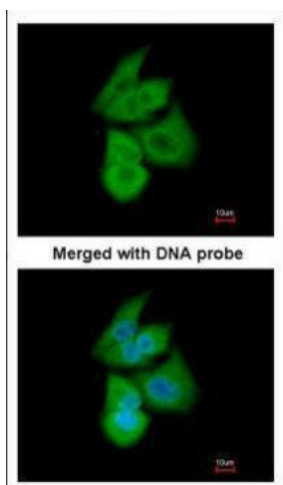
Product images:



Sample (30 ug of whole cell lysate). A: Hep G2. 7.5% SDS PAGE. TA308631 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using PFKL (TA308631) antibody at 1:500 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed A549, using PFKL (TA308631) antibody at 1:200 dilution.