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Product datasheet for TA338906

PFKL Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PFKL antibody: synthetic peptide directed towards the middle region of human PFKL. Synthetic peptide located within the following region: RTNVLGHLQQGGAPTPFDRNYGTKLGVKAMLWLSEKLREVYRKGRVFANA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	64 kDa
Gene Name:	phosphofructokinase, liver type
Database Link:	NP_002617 Entrez Gene 18641 MouseEntrez Gene 5211 Human P17858
Background:	This gene encodes the liver (L) subunit of an enzyme that catalyzes the conversion of D-fructose 6-phosphate to D-fructose 1,6-bisphosphate, which is a key step in glucose metabolism (glycolysis). This enzyme is a tetramer that may be composed of different subunits encoded by distinct genes in different tissues. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

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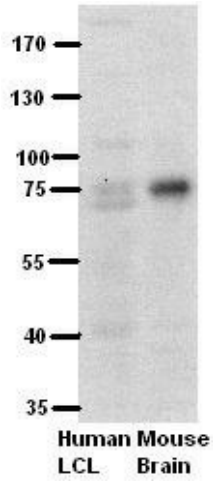
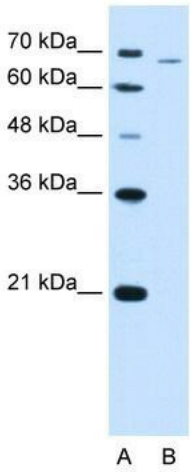
Synonyms:	ATP-PFK; PFK-B; PFK-L
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Zebrafish: 93%; Rabbit: 86%; Sheep: 79%
Protein Families:	Druggable Genome
Protein Pathways:	Fructose and mannose metabolism, Galactose metabolism, Glycolysis / Gluconeogenesis, Metabolic pathways, Pentose phosphate pathway

Product images:



WB Suggested Anti-PFKL Antibody Titration: 5% Milk; ELISA Titer: dilution: 1: 500; Positive Control: human LCL and mouse brains



WB Suggested Anti-PFKL Antibody Titration: 2.5 ug/ml; Positive Control: HepG2 cell lysate.PFKL is supported by BioGPS gene expression data to be expressed in HepG2