

## Product datasheet for TA357983

### PFKFB1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; Zebrafish: 79%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	52kDa
Gene Name:	6-phosphofructo-2-kinase/fructose-2,6-biphosphate 1
Database Link:	<a href="#">NP_002616</a> <a href="#">Entrez Gene 5207 Human</a> <a href="#">Q4VBA8</a>
Background:	This gene encodes a member of the family of bifunctional 6-phosphofructo-2-kinase:fructose-2,6-biphosphate 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.



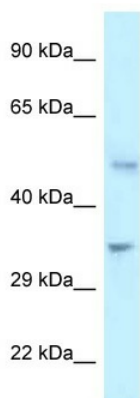
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**Synonyms:** 6-phosphofructo-2-kinase/fructose-2,6-biphosphatas; F6PK; fructose-6-phosphate,2-kinase:fructose-2,6-bisphos; HL2K; MGC116715; MGC116717; PFRX

**Protein Families:** Druggable Genome

**Protein Pathways:** Fructose and mannose metabolism

### Product images:



WB Suggested Anti-PFKFB1 Antibody  
Titration: 1.0 ug/ml  
Positive Control: THP-1 Whole Cell