



Rabbit Anti-Human PFKM Polyclonal Antibody (DPABH-15665)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence: CVQVTKDVTKAMDEKKFDEALKLRGRSFMNNWEVYKLLAHVRPPVSKSGSHTVAVMNVGA PAAGMNAAVRSTVRIGLIQGNRVLVVDHGFELAKGQIEEAGWSYVGGWTGQGGSKLGTK RTLPKKSFEQISA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	IHC, WB, ICC-IF
Format	Liquid
Size	100 µl
Buffer	40% glycerol and PBS (pH 7.2).
Preservative	0.02% Sodium Azide
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

BACKGROUND

Introduction

Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet. These isozymes function as subunits of the mammalian tetramer phosphofructokinase, which catalyzes the phosphorylation of fructose-6-phosphate to fructose-1,6-bisphosphate. Tetramer composition varies depending on tissue type. This gene encodes the muscle-type isozyme. Mutations in this gene have been associated with glycogen storage disease type VII, also known as Tarui disease. Alternatively spliced transcript variants have been described.[provided by RefSeq, Nov 2009]

Keywords

PFKM; phosphofructokinase, muscle; GSD7; PFK1; PFKA; PFKX; PFK-1; ATP-PFK; PPP1R122; ATP-dependent 6-phosphofructokinase, muscle type; PFK-A; ATP-PFK; phosphohexokinase; phosphofructokinase 1; phosphofructokinase-M; 6-phosphofructo-1-kinase; 6-phosphofructokinase type A; phosphofructo-1-kinase isozyme A; 6-phosphofructokinase, muscle type; phosphofructokinase, polypeptide X; protein phosphatase 1, regulatory subunit 122;

GENE INFORMATION

Entrez Gene ID[5213](#)**UniProt ID**[P08237](#)
