

Datasheet for ABIN5703722 **anti-PFKM antibody**

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Overview

Quantity:	100 µg
Target:	PFKM
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PFKM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	phosphofructokinase, muscle
Isotype:	IgG

Target Details

Target:	PFKM
Alternative Name:	PFKM (PFKM Products)
Background:	Synonyms:GSD7, PFK 1, PFK A, PFK M, PFKM, PFKX, Phosphofructokinase 1, Phosphofructokinase M, phosphofructokinase, muscle, Phosphohexokinase Background: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

Target Details

	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.
Molecular Weight:	75-85 kDa
Gene ID:	5213
UniProt:	P08237
Pathways:	Positive Regulation of Peptide Hormone Secretion , Negative Regulation of Hormone Secretion , Carbohydrate Homeostasis , Warburg Effect

Application Details

Application Notes:	WB : 1:500-1:5000 IP : 1:500-1:5000 IHC : 1:20-1:200 IF : 1:10-1:100
Comment:	human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with FNab06341(PFKM antibody) at dilution of 1:800
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze / thaw cycles.
Storage:	-20 °C
Expiry Date:	12 months