

Datasheet for ABIN1449415
anti-PFKM antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mL
Target:	PFKM
Binding Specificity:	AA 1-780, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PFKM antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant Human PFKM (1-780aa) purified from E. coli
Clone:	AT2F11
Isotype:	IgG2a
Purification:	Protein-A affinity chromatography

Target Details

Target:	PFKM
Alternative Name:	PFKM (PFKM Products)
Background:	PFKM (phosphofructokinase, muscle) is a regulatory glycolytic enzyme that convert fructose 6-phosphate and ATP into fructose 1,6-bisphosphate (through PFK-1), fructose 2,6-bisphosphate

Target Details

(through PFK-2) and ADP. Three phosphofructokinase isozymes exist in humans: muscle, liver and platelet. Mutations in this gene have been associated with glycogen storage disease type VII, also known as Tarui disease. Synonyms: 6-phosphofructokinase muscle type, GSD7, PFK-1, PFK-A, PFK1, PFKX, Phosphofructo-1-kinase isozyme A, Phosphofructokinase 1, Phosphofructokinase-M, Phosphohexokinase

Gene ID:	5213
NCBI Accession:	NP_000280
UniProt:	P08237
Pathways:	Positive Regulation of Peptide Hormone Secretion , Negative Regulation of Hormone Secretion , Carbohydrate Homeostasis , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Phosphate -Buffered Saline (pH 7.4), 0.02 % Sodium Azide, 10 % Glycerol
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

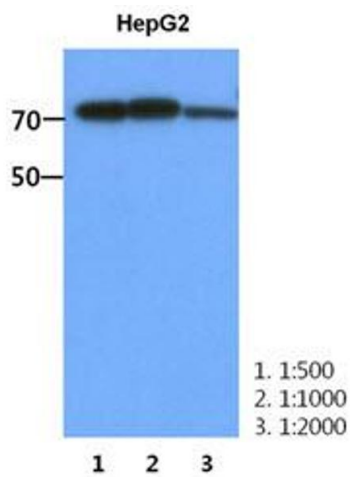


Image 1.