

## PFKM Antibody

Catalog No: #32875

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## Description

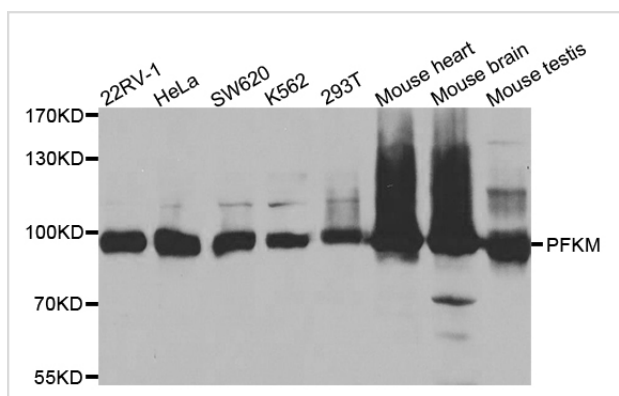
Product Name	PFKM Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total PFKM protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PFKM.
Target Name	PFKM
Other Names	GSD7; PFK1; PFKA; PFKX; PFK-1
Accession No.	Swiss-Prot:P08237NCBI Gene ID:5213
SDS-PAGE MW	85KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using PFKM antibody.

## 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 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.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.