

Rabbit PFKM Polyclonal Antibody | anti-PFKM antibody

PFKM antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201068	Rabbit	Reacts with: Human Predicted to reacts with: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

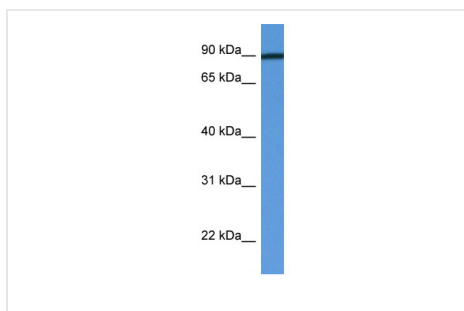
PRODUCT SYNONYMS

PFKM; Polyclonal Antibody; PFKM antibody - C-terminal region; anti-PFKM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human Predicted to reacts with: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: RA LVFQPVAELK DQTD FEHRIP KEQWWLKL RP ILKILAKYEI DLDTS DHA
Sequence Length	780
Applicable Applications for anti-PFKM antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PFKM
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PFKM Antibody Titration: 1.0 ug/ml Positive Control: Fetal Heart

ADDITIONAL INFORMATION

Related Product Information for anti-PFKM antibody	This is a rabbit polyclonal antibody against PFKM. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-PFKM antibody	Polyclonal; Drugs and Drug Metabolism; Membrane & Traffic; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505749
NCBI GeneID	5213
NCBI Accession #	NP_000280
NCBI GenBank Nucleotide #	NM_000289
UniProt Accession #	P08237
Molecular Weight	85kDa
NCBI Official Full Name	ATP-dependent 6-phosphofructokinase, muscle type isoform 2
NCBI Official Synonym Full Names	phosphofructokinase, muscle
NCBI Official Symbol	PFKM
NCBI Official Synonym Symbols	GSD7; PFK1; PFKA; PFKX; PFK-1; PFK-A; ATP-PFK; PPP1R122
NCBI Protein Information	ATP-dependent 6-phosphofructokinase, muscle type
UniProt Protein Name	6-phosphofructokinase, muscle type
UniProt Gene Name	PFKM
UniProt Synonym Gene Names	PFKX; PFK-A
UniProt Entry Name	K6PF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.