

Rabbit PFKM Polyclonal Antibody | anti-PFKM antibody

PFKM Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175347	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

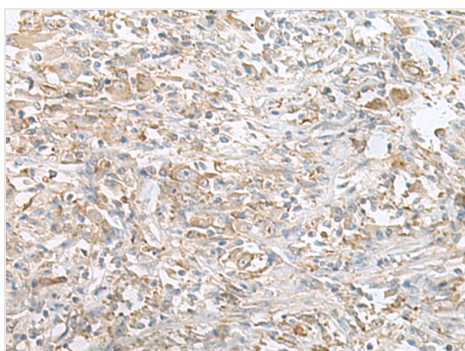
PRODUCT SYNONYMS

PFKM; Polyclonal Antibody; PFKM Polyclonal Antibody; 6 Phosphofructokinase Muscle Type; 6-phosphofructokinase; 6-phosphofructokinase muscle type; EC 2.7.1.1; EC 2.7.1.11; GSD7; K6PF; MGC8699; Muscle type; PFK; PFK-A; PFKA; PFKL; PFKP; PFKX; Phosphofructo 1 Kinase Isozyme A; Phosphofructo-1-kinase isozyme A; Phosphofructokinase 1; Phosphofructokinase M; Phosphofructokinase; Muscle; Polypeptide X; Phosphofructokinase-M; Phosphohexokinase; anti-PFKM antibody

PRODUCT SPECIFICATIONS

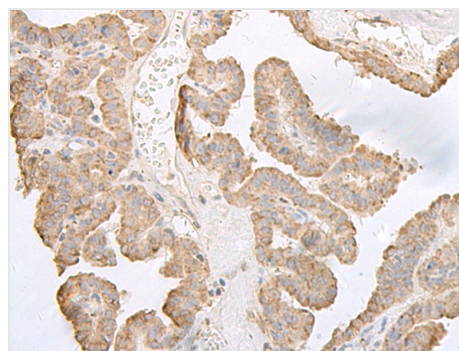
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.02mg/mL (varies by lot)
Sequence Length	780
Applicable Applications for anti-PFKM antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human PFKM
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



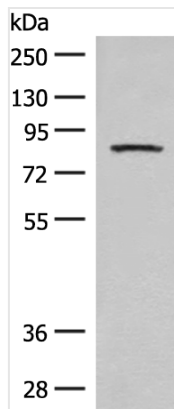
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PFKM Polyclonal Antibody at dilution of 1:60(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PFKM Polyclonal Antibody at dilution of 1:60(×200)



WB (Western Blot)

Western blot analysis of Mouse brain tissue lysate using PFKM Polyclonal Antibody at dilution of 1:350

ADDITIONAL INFORMATION

Related Product Information for anti-PFKM antibody	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	Cancer ; Metabolism ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505749
NCBI GeneID	5213
NCBI Accession #	NP_000280.1 ; BC021203
NCBI GenBank Nucleotide #	NP_000280.1
UniProt Accession #	P08237
Molecular Weight	85 kDa
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.