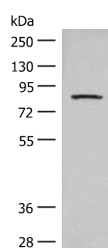


PFKM Polyclonal Antibody

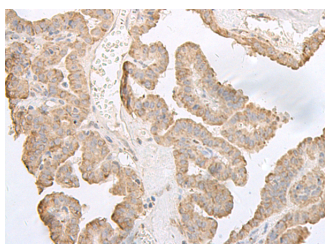
Catalog No.	E-AB-18753	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

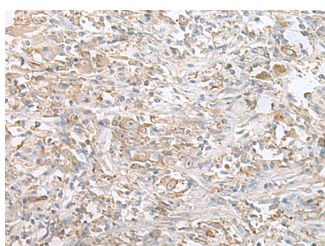
Images



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



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



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

Immunogen Information

Immunogen	Fusion protein of human PFKM
Gene Accession	BC021203
Swissprot	P08237
Synonyms	1,GSD7,K6PF,MGC8699,muscle type,PFK-A,PFKA,PFKL,PFKM,PFKP,PFKX

Product Information

Calculated MW	85 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000

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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.