

PFKM Polyclonal Antibody

Catalog No. E-AB-18753

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

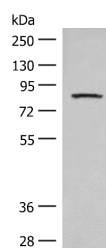
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human PFKM
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

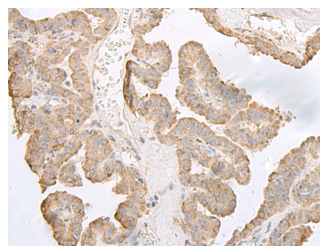
WB	1:500-1:2000
IHC	1:50-1:300

Data

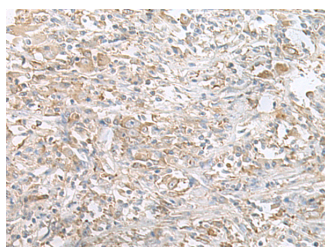


Western blot analysis of Mouse brain tissue lysate using PFKM Polyclonal Antibody at dilution of 1:350

Observed Mw: Refer to figures
Calculated Mw: 85 kDa



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)

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

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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