

PFKP Polyclonal Antibody

Catalog number: 13389-1-AP

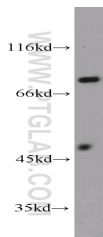
Size: 56 µg/150 µl

Source: Rabbit

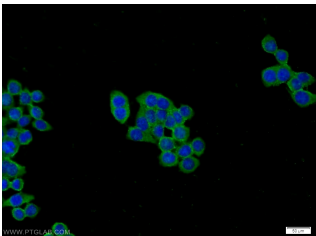
Isotype: IgG

Synonyms:

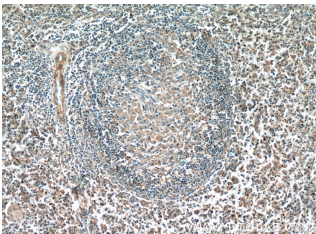
PFKP; 6-phosphofructokinase type C, FLJ40226, PFK C, PFKF, PFKP, Phosphofructokinase 1, phosphofructokinase, platelet, Phosphohexokinase



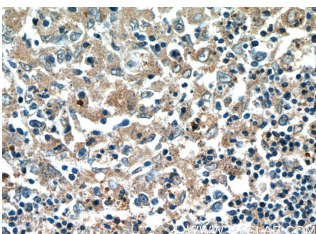
mouse heart tissue were subjected to SDS PAGE followed by western blot with 13389-1-AP(PFKP antibody) at dilution of 1:1500



Immunofluorescent analysis of BxPC-3 cells using 13389-1-AP(PFKP Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human spleen tissue slide using 13389-1-AP(PFKP Antibody) at dilution of 1:50 (under 10x lens)



Background

PFKP(6-phosphofructokinase, platelet type) is also named as PFKF,PFK-C and belongs to the phosphofructokinase family.This form of PFK is best called the 'platelet' type and symbolized PFKP because it is the only form made by platelets, whereas fibroblasts have more than one form of PFK(Francke (1983)).PFK catalyzes the irreversible conversion of fructose-6-phosphate to fructose-1,6-bisphosphate and is a key regulatory enzyme in glycolysis.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated PFKP MW:	784aa,86 kDa
Observed PFKP MW:	86 kDa
Positive WB detected in	Mouse heart tissue, BxPC-3 cells, HEK-293 cells, HeLa cells, human heart tissue, Jurkat cells, mouse skeletal muscle tissue
Positive IP detected in	Mouse heart tissue
Positive IHC detected in	Human spleen tissue, human heart tissue, human lung cancer tissue
Positive IF detected in	BxPC-3 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

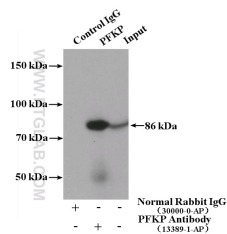
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4047
GenBank accession number:	BC029138
Gene ID (NCBI):	5214
Full name:	Phosphofructokinase, platelet

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



Immunohistochemistry of
paraffin-embedded human
spleen tissue slide using
13389-1-AP(PFKP Antibody)
at dilution of 1:50 (under 40x
lens)

IP Result of anti-PFKP
(IP:13389-1-AP, 4ug;
Detection:13389-1-AP 1:1000)
with mouse heart tissue lysate
4000ug.