

PFKP (Phospho-Ser386) Antibody

Catalog No: #SAB616

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Description

Product Name	PFKP (Phospho-Ser386) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was purified from rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Applications	WB
Species Reactivity	Human
Specificity	PFKP (Phospho-Ser386) Antibody detects endogenous levels of PFKP only when phosphorylated at serine 386.
Immunogen Description	A synthesized peptide derived from human PFKP around the phosphorylation site of S386.
Other Names	ATP-dependent 6-phosphofructokinase, platelet type, ATP-PFK, PFK-P, 6-phosphofructokinase type C, Phosphofructo-1-kinase isozyme C, PFK-C
SDS-PAGE MW	86kDa
Concentration	1 mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000

Background

Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.

Published Papers

el et al., Mutual regulation between phosphofructokinase 1 platelet isoform and VEGF promotes glioblastoma tumor growth. In Cell Death Dis on 2022 Nov 26 by Je Sun Lim, YuJie Shi, et al..PMID:36435833, , (2022)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.