

Anti-PFKM Antibody

Catalog # AP60499

Product Information

Application	WB, IHC
Primary Accession	P08237
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85183

Additional Information

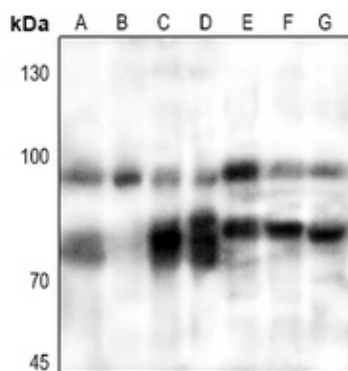
Gene ID	5213
Other Names	PFKX; 6-phosphofructokinase, muscle type; Phosphofructo-1-kinase isozyme A; PFK-A; Phosphofructokinase-M; Phosphofructokinase 1; Phosphohexokinase
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PFKM. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

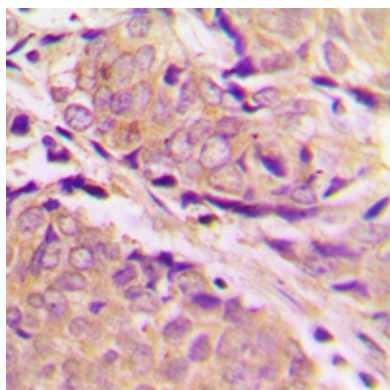
Name	PFKM (HGNC:8877)
Synonyms	PFKX
Function	Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.
Cellular Location	Cytoplasm {ECO:0000255 HAMAP-Rule:MF_03184}.

Images

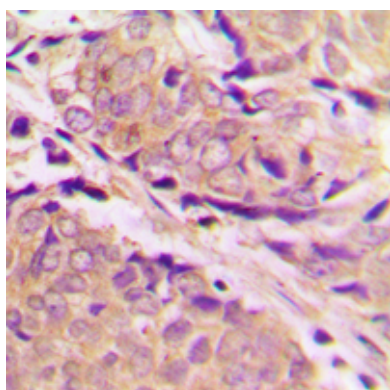
Western blot analysis of PFKM expression in HEK293T (A),



Hela (B), HepG2 (C), H460 (D), mouse lung (E), mouse heart (F), rat heart (G) whole cell lysates. (Predicted band size: 85 kD; Observed band size: 95; 81 kD)



Immunohistochemical analysis of PFKM staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.