Anti-FRUCTOSE-6-PHOSPHATE KINASE (Rabbit Muscle) (GOAT) Antibody - 100-1156

Code: 100-1156 **Size:** 2 mL

Product Description: Anti-FRUCTOSE-6-PHOSPHATE KINASE (Rabbit Muscle) (GOAT) Antibody - 100-1156

Concentration: 90 mg/mL by Refractometry

PhysicalState: Lyophilized

Label	Unconjugated
Host	Goat
Gene Name	PFKM
Species Reactivity	rabbit
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	6 Phosphofructokinase Muscle Type antibody, EC 2.7.1.11 antibody, GSD7 antibody, MGC8699 antibody, PFKA antibody, PFKL antibody, PFKM antibody, PFKP antibody, PFKX antibody, Phosphofructo 1 Kinase Isozyme A antibody, Phosphofructokinase 1 antibody
Application Note	This purified antibody has been tested for use in ELISA, immunofluorescence microscopy and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 48 kDa in size corresponding to the processed mature form of F6PK protein by western blotting in the appropriate cell lysate or extract.
Background	Fructose-6-Phosphate Kinase -2 (F6PK) also known as Phosphofructokinase (PFK) catalyzes the conversion of ATP + D-fructose 6-phosphate to ADP + D-fructose 1,6-bisphosphate and therefore is a key enzyme in the control of glycolysis and carbohydrate degradation. This is a unidirectional and rate-limiting step in glycolysis. Allosteric kinetics control activation by ADP, AMP, or fructose bisphosphate and inhibition by ATP or citrate. The enzyme exists as a homotetramer.
Purity And Specificity	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Fructose-6-Phosphate Kinase [Rabbit Muscle]. Cross reactivity against Fructose-6-Phosphate Kinase from other sources may occur but has not been specifically determined.
Assay Dilutions	User Optimized
ELISA	1:4,000 - 1:20,000
WESTERN BLOT	1:500 - 1:2,000
OTHER ASSAYS	User Optimized
Immunogen	Fructose-6-Phosphate Kinase [Rabbit Muscle]

Related Products

105-3102	Anti-GOAT IgG (H&L) (MOUSE) Antibody - 105-3102
105-4102	Anti-GOAT IgG (H&L) (RABBIT) Antibody - 105-4102
B501-0500	BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500

Related Links

UniProtKB	http://www.uniprot.org/uniprot/P00511
NCBI	http://www.ncbi.nlm.nih.gov/protein/125128
NCBI - 125128	http://www.ncbi.nlm.nih.gov/protein/125128

UniProt - P00511	http://www.uniprot.org/uniprot/P00511
Gene ID - 100345647	http://www.ncbi.nlm.nih.gov/gene/100345647

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