10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PGAM1 Antibody

Rabbit mAb
Catalog # AP91998

Product Information

Application	WB, FC
Primary Accession	P18669
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	PGAM1; PGAMA; PGAMB;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	28804

Additional Information

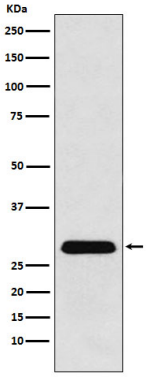
Dilution	WB 1:500~1:2000 FC 1:100
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PGAM1
Description	Interconversion of 3- and 2-phosphoglycerate with 2,3-bisphosphoglycerate as the primer of the reaction. Can also catalyze the reaction of EC 5.4.2.4 (synthase) and EC 3.1.3.13 (phosphatase), but with a reduced activity.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PGAM1 (HGNC:8888)
Synonyms	PGAMA
Function	Catalyzes the interconversion of 2-phosphoglycerate and 3-phosphoglycerate, a crucial step in glycolysis, by using 2,3-bisphosphoglycerate (PubMed:23653202). Also catalyzes the interconversion of (2R)-2,3-bisphosphoglycerate and (2R)-3-phospho- glyceroyl phosphate (PubMed:23653202).
Tissue Location	Expressed in the liver and brain. Not found in the muscle.

Images

Western blot analysis of PGAM1 expression in A431 cell lysate.



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