

ARG56386 anti-PGAM2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PGAM2	
Tested Reactivity	Hu, Ms, Rat	
Tested Application	ICC/IF, WB	
Host	Rabbit	
Clonality	Polyclonal	
lsotype	lgG	
Target Name	PGAM2	
Species	Human	
Immunogen	Recombinant protein of Human PGAM2	
Conjugation	Un-conjugated	
Alternate Names	PGAM-M; Phosphoglycerate mutase isozyme M; EC 3.1.3.13; PGAMM; GSD10; BPG-dependent PGAM 2; Phosphoglycerate mutase 2; EC 5.4.2.11; EC 5.4.2.4; Muscle-specific phosphoglycerate mutase	

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SH-SY5Y	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation Gene Symbol PGAM2 Gene Full Name phosphoglycerate mutase 2 (muscle) Background Phosphoglycerate mutase (PGAM) catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. The PGAM is a dimeric enzyme containing, in different tissues, different proportions of a slow-migrating muscle (MM) isozyme, a fast-migrating brain (BB) isozyme, and a hybrid form (MB). This gene encodes muscle-specific PGAM subunit. Mutations in this gene cause muscle phosphoglycerate mutase eficiency, also known as glycogen storage disease X. [provided by RefSeq, Sep 2009] Function 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. [UniProt] Calculated Mw 29 kDa

Images

