

Rabbit PGAM2 Polyclonal Antibody | anti-PGAM2 antibody

PGAM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329024	Rabbit	Human, Mouse, Rat Predicted Reactivity: Zebrafish(88%), Bovine(88%), Horse(100%), Sheep(88%), Rabbit(100%), Dog(100%)	ELISA

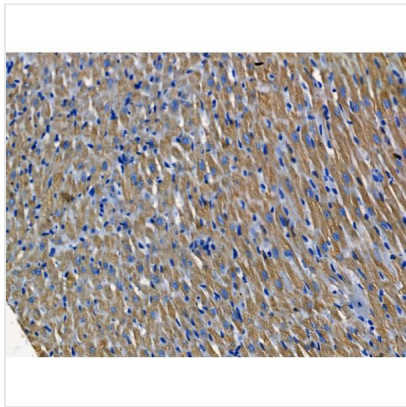
PRODUCT SYNONYMS

PGAM2; Polyclonal Antibody; PGAM2 Antibody; BPG dependent PGAM 2; BPG-dependent PGAM 2; GSD10; MGC88743; Muscle specific phosphoglycerate mutase; Muscle-specific phosphoglycerate mutase; OTTHUMP00000207787; PGAM 2; PGAM M; PGAM-M; Pgam2; PGAM2_HUMAN; PGAMM; phosphoglycerate mutase 2 (muscle); Phosphoglycerate mutase 2; Phosphoglycerate mutase isozyme M; anti-PGAM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Zebrafish(88%), Bovine(88%), Horse(100%), Sheep(88%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	PGAM2 Antibody detects endogenous levels of total PGAM2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	253
Applicable Applications for anti-PGAM2 antibody	ELISA
Immunogen	A synthesized peptide derived from human PGAM2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

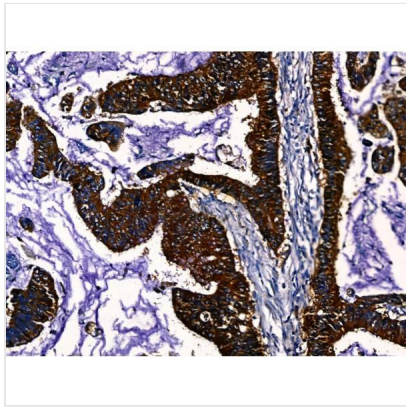
IMAGES



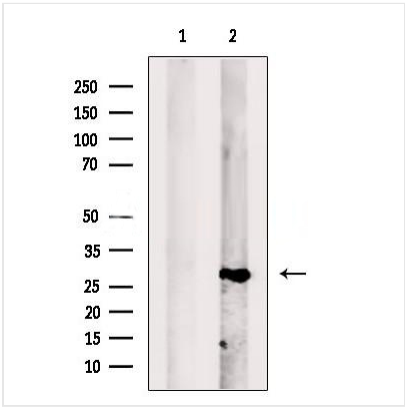
IHC (Immunohistochemistry)
AAA329024 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA329024 at 1/100 staining Rat kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA329024 at 1/100 staining Human liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Myeloma cells, using PGAM2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PGAM2 antibody	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), but with a reduced activity.
	Tissue Specificity: Expressed in the heart and muscle. Not found in the liver and brain.
	Subunit Structure: Homodimer. Interacts with ENO1.
	Similarity: Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50593010
NCBI GeneID	5224
NCBI Accession #	NP_000281.2
NCBI GenBank Nucleotide #	NP_000281.2
UniProt Accession #	P15259

Molecular Weight	Observed Molecular Weight: (Observed)28kD. Predicted Molecular Weight: (Calculated)29kDa.
NCBI Official Full Name	phosphoglycerate mutase 2
NCBI Official Synonym Full Names	phosphoglycerate mutase 2
NCBI Official Symbol	PGAM2
NCBI Official Synonym Symbols	GSD10; PGAMM; PGAM-M
NCBI Protein Information	phosphoglycerate mutase 2
UniProt Protein Name	Phosphoglycerate mutase 2
UniProt Gene Name	PGAM2
UniProt Synonym Gene Names	PGAMM; PGAM-M
UniProt Entry Name	PGAM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pgam2-antibody-elisa/329024>