

Rabbit Phosphoglycerate Mutase 2 Polyclonal Antibody | anti-PGAM2 antibody

Phosphoglycerate Mutase 2, Muscle (PGAM2) Polyclonal Antibody

CATALOG # AAA21013	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Phosphoglycerate Mutase 2; Polyclonal Antibody; Muscle (PGAM2) Polyclonal Antibody; PGAM-M; BPG-dependent PGAM 2; Muscle-specific phosphoglycerate mutase; Phosphoglycerate mutase isozyme M; anti-PGAM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PGAM2. It has been selected for its ability to recognize PGAM2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	253
Applicable Applications for anti-PGAM2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western Blot: 1:50-400 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Organism Species	Human
Fragment	PGAM2 (Met1~Glu236)
Quality Control	Content: The quality control contains recombinant PGAM2 (Met1~Glu236) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: PGAM2 knockout HeLa cell lysate; Predicted MW: 29kd Observed MW: 29kd Primary Ab: 1ug/ml Rabbit Anti-Human PGAM2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin- embedded Kidney tissue



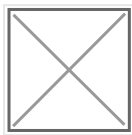
WB (Western Blot)

Western Blot: Sample: Recombinant protein



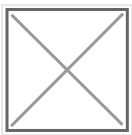
WB (Western Blot)

Western Blot: Sample: Human HeLa cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human PGAM2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Western Blot: Sample: Mouse Testis lysate; Primary Ab: 1ug/ml Rabbit Anti-Human PGAM2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Western Blot: Sample: Mouse Skeletal muscle lysate; Primary Ab: 1ug/ml Rabbit Anti-Human PGAM2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PGAM2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50593010
NCBI GeneID	5224
NCBI Accession #	NP_000281.2
NCBI GenBank Nucleotide #	NM_000290.3
UniProt Accession #	P15259
Molecular Weight	28,766 Da
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

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/phosphoglycerate-mutase-2-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/21013>