

Rabbit BPGM Polyclonal Antibody | anti-BPGM antibody

BPGM Antibody

CATALOG # AAA225358	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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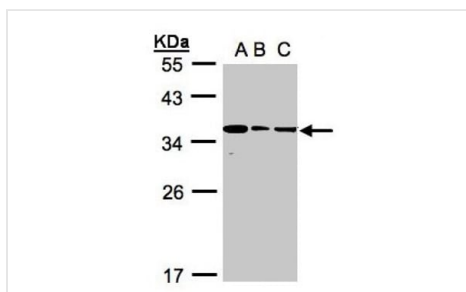
PRODUCT SYNONYMS

BPGM; Polyclonal Antibody; BPGM Antibody; Affinity Purified Rabbit Polyclonal BPGM Antibody; Polyclonal BPGM antibody; Anti-BPGM antibody; BPG-dependent PGAM antibody; BPGM antibody; 2 3-bisphosphoglycerate synthase antibody; 2 3-diphosphoglycerate mutase antibody; bisphosphoglycerate mutase antibody; erythrocyte 2 3-bisphosphoglycerate mutase antibody; anti-BPGM antibody

PRODUCT SPECIFICATIONS

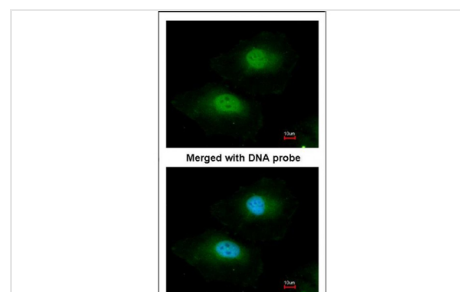
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.84 mg/ml (varies by lot)
Sequence Length	259
Applicable Applications for anti-BPGM antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	BPGM antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 206 of BPGM
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



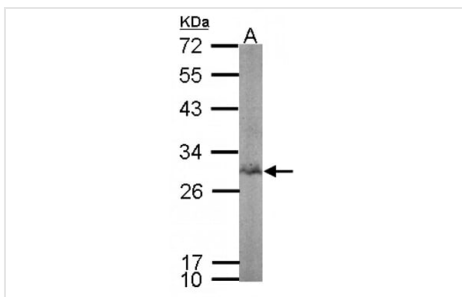
WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:293T; B:A431; C:H1299) using a 12% SDS PAGE gel and BPGM antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using BPGM antibody at 1:100 dilution.



WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: mouse spleen) using a 12% SDS PAGE gel and BPGM antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-BPGM antibody	2,3-diphosphoglycerate is a small molecule found at high concentrations in red blood cells where it binds to and decreases the oxygen affinity of hemoglobin. This gene encodes a multifunctional enzyme that catalyzes 2,3-DPG synthesis via its synthetase activity, and 2,3-DPG degradation via its phosphatase activity. The enzyme also has phosphoglycerate phosphomutase activity. Deficiency of this enzyme increases the affinity of cells for oxygen. Mutations in this gene result in hemolytic anemia.
Product Categories/Family for anti-BPGM antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	767948600
NCBI GeneID	669
NCBI GenBank Nucleotide #	XP_011514829.1
UniProt Accession #	P07738
Molecular Weight	30 kDa
NCBI Official Full Name	bisphosphoglycerate mutase isoform X1
NCBI Official Synonym Full Names	bisphosphoglycerate mutase
NCBI Official Symbol	BPGM
NCBI Official Synonym Symbols	DPGM; ECTY8
NCBI Protein Information	bisphosphoglycerate mutase
UniProt Protein Name	Bisphosphoglycerate mutase
UniProt Gene Name	BPGM
UniProt Synonym Gene Names	BPGM; DPGM
UniProt Entry Name	PMGE_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/bpgm-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/225358>