

Rabbit BPGM Polyclonal Antibody | anti-BPGM antibody

BPGM Polyclonal Antibody

CATALOG # AAA178757	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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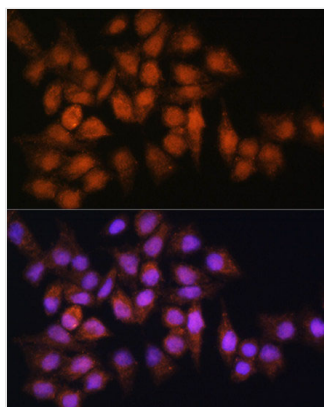
PRODUCT SYNONYMS

BPGM; Polyclonal Antibody; BPGM Polyclonal Antibody; DPGM; anti-BPGM antibody

PRODUCT SPECIFICATIONS

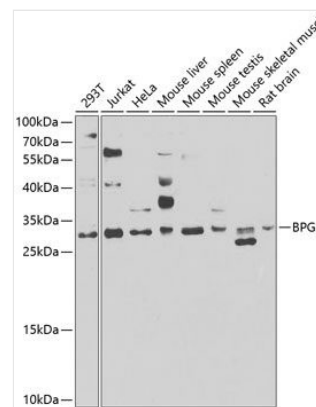
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Phosphate Buffered Solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol
Applicable Applications for anti-BPGM antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human BPGM
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using BPGM Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using BPGM Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-BPGM antibody	2,3-diphosphoglycerate (2,3-DPG) is 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. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-BPGM antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	130350
NCBI GeneID	669
UniProt Accession #	P07738 ; A4D1N9
Molecular Weight	30 kDa
NCBI Official Full Name	Bisphosphoglycerate mutase
NCBI Official Synonym Full Names	2,3-bisphosphoglycerate mutase
NCBI Official Symbol	BPGM
NCBI Official Synonym Symbols	DPGM
NCBI Protein Information	bisphosphoglycerate mutase; BPG-dependent PGAM; 2,3-diphosphoglycerate mutase; 2,3-bisphosphoglycerate synthase; erythrocyte 2,3-bisphosphoglycerate mutase; 2,3-bisphosphoglycerate mutase, erythrocyte
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-immunofluorescence-western-blot-elisa/178757>