

Rabbit anti-Human, Mouse BPGM Polyclonal Antibody | anti-BPGM antibody

BPGM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232104	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

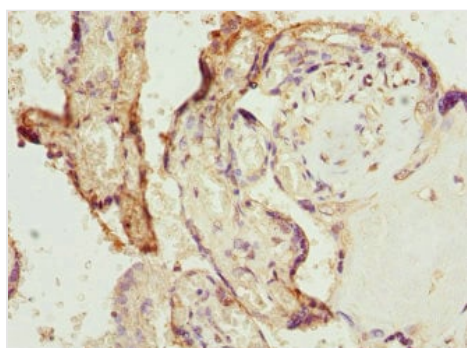
PRODUCT SYNONYMS

BPGM; Polyclonal Antibody; BPGM Antibody; Bisphosphoglycerate mutase; 2; 3-bisphosphoglycerate mutase; erythrocyte; 3-bisphosphoglycerate synthase; 3-diphosphoglycerate mutase; DPGM; BPG-dependent PGAM; anti-BPGM antibody

PRODUCT SPECIFICATIONS

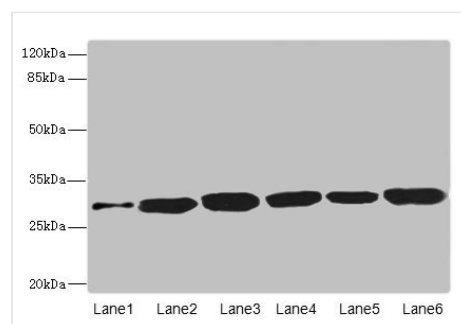
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	259
Applicable Applications for anti-BPGM antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Bisphosphoglycerate mutase protein (1-259AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-82786 / sc-82787
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta tissue using AAA232104 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: BPGM antibody at 5.94ug/mlLane 1: Human peripheral blood mononuclear cellsLane 2: Mouse liver tissueLane 3: Human placenta tissueLane 4: Hela whole cell lysateLane 5: 293T whole cell lysateLane 6: A549 whole cell lysateGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 30 kDaObserved band size: 30 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-BPGM antibody	Plays a major role in regulating hemoglobin oxygen affinity by controlling the levels of its allosteric effector 2,3-bisphosphoglycerate (2,3-BPG). Also exhibits mutase (EC 5.4.2.1) and phosphatase (EC 3.1.3.13) activities.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	641386940
NCBI GeneID	669
NCBI Accession #	NP_001280014.1
NCBI GenBank Nucleotide #	NM_001293085.1
UniProt Accession #	P07738; A4D1N9
Molecular Weight	30,005 Da
NCBI Official Full Name	bisphosphoglycerate mutase
NCBI Official Synonym Full Names	bisphosphoglycerate mutase
NCBI Official Symbol	BPGM
NCBI Official Synonym Symbols	DPGM
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-immunohistochemistry-western-blot-elisa/232104>