

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

BPGM Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175242	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

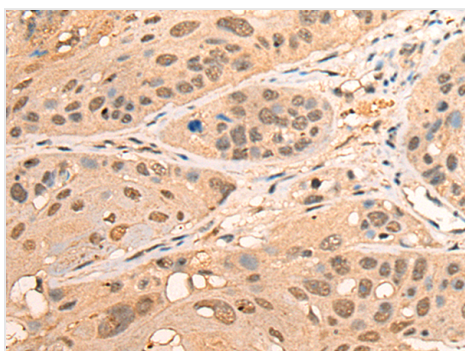
PRODUCT SYNONYMS

BPGM; Polyclonal Antibody; BPGM Polyclonal Antibody; 2; 3-bisphosphoglycerate mutase; erythrocyte; 3-bisphosphoglycerate synthase; 3-diphosphoglycerate mutase; Ab2 098; AI323730; AL022789; Bisphosphoglycerate mutase; BPG dependent PGAM; BPG-dependent PGAM; Bpgm; C86192; DPGM; Erythrocyte 2; 3 bisphosphoglycerate mutase; Erythrocyte; PMGE; anti-BPGM antibody

PRODUCT SPECIFICATIONS

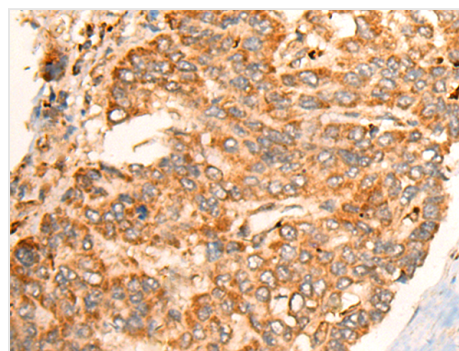
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.1mg/mL (varies by lot)
Sequence Length	259
Applicable Applications for anti-BPGM antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



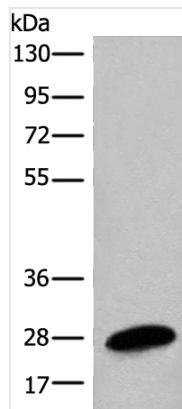
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using BPGM Polyclonal Antibody at dilution of 1:70(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BPGM Polyclonal Antibody at dilution of 1:70(×200)



WB (Western Blot)
 Western blot analysis of Human placenta tissue lysate using BPGM Polyclonal Antibody at dilution of 1:1350

ADDITIONAL INFORMATION

Related Product Information for anti-BPGM antibody	2,3-diphosphoglycerate (2,3-DPG) 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. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-BPGM antibody	Cancer; Cardiovascular; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	130350
NCBI GeneID	669
UniProt Accession #	P07738
Molecular Weight	30 kDa
NCBI Official Full Name	Bisphosphoglycerate mutase
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.