

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

BPGM Antibody

CATALOG # AAA310281	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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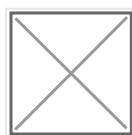
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

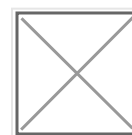
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total BPGM protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.7mg/ml (varies by lot)
Sequence Length	1764
Applicable Applications for anti-BPGM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein of human BPGM
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



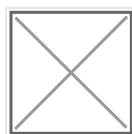
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46351(BPGM Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46351(BPGM Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg/Lane: Human placenta tissue lysate, Primary antibody: 46351(BPGM Antibody) at dilution 1/1350 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	16877597
NCBI GeneID	669
UniProt Accession #	P07738; A4D1N9
Molecular Weight	30 kDa
NCBI Official Full Name	Homo sapiens 2,3-bisphosphoglycerate mutase, mRNA
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	DPGM

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/310281>