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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58217_P050-Biotin
Product Page	www.avivasysbio.com/bpgm-antibody-middle-region-biotin-arp58217-p050-biotin.html
Name	BPGM Antibody - middle region : Biotin (ARP58217_P050-Biotin)
Protein Size (# AA)	259 amino acids
Molecular Weight	28kDa
Conjugation	Biotin
NCBI Gene Id	669
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	2,3-bisphosphoglycerate mutase
Alias Symbols	DPGM, ECYT8
Peptide Sequence	Synthetic peptide located within the following region: EQVRLWRRSYNVTPPPPIEESHPIYYQEIYNDRRYKVCDEVPLDQLPRSESLK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Wang, Y., (2006) J. Biol. Chem. 281 (51), 39642-39648
Description of Target	BPGM belongs to the phosphoglycerate mutase family, BPG-dependent PGAM subfamily. It plays a major role in regulating hemoglobin oxygen affinity as a consequence of controlling 2,3-BPG concentration. It can also catalyze the reaction of EC 5.4.2.1 (mutase) and EC 3.1.3.13 (phosphatase), but with a reduced activity.
Protein Interactions	UBC; EHD2; ATF6; NEK3; EGR2; CEL; ATP4B; SPEN; GRB2; AKT1; GAPDH;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-BPGM (ARP58217_P050-Biotin) antibody
Blocking Peptide	For anti-BPGM (ARP58217_P050-Biotin) antibody is Catalog# AAP58217 (Previous Catalog# AAPP32816)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human BPGM
Uniprot ID	P07738
Protein Name	Bisphosphoglycerate mutase
Protein Accession #	NP_001715
Purification	Affinity Purified
Nucleotide Accession #	NM_001724
Gene Symbol	BPGM
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 79%; Human: 100%; Mouse: 79%; Rabbit: 86%; Rat: 93%; Zebrafish: 92%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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