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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56383_P050-Biotin
Product Page	www.avivasysbio.com/pgm1-antibody-middle-region-biotin-arp56383-p050-biotin.html
Name	PGM1 Antibody - middle region : Biotin (ARP56383_P050-Biotin)
Protein Size (# AA)	562 amino acids
Molecular Weight	61kDa
Conjugation	Biotin
NCBI Gene Id	5236
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phosphoglucomutase 1
Alias Symbols	CDG1T, GSD14
Peptide Sequence	Synthetic peptide located within the following region: TVEKADNFEYSDPVDGSI SRNQGLRLIFTDGSRIVFRLSGTGSAGATIRL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	PGM1 is an isozyme of phosphoglucomutase (PGM) and belongs to the phosphohexose mutase family. There are several PGM isozymes, which are encoded by different genes and catalyze the transfer of phosphate between the 1 and 6 positions of glucose. In most cell types, this PGM isozyme is predominant, representing about 90% of total PGM activity. In red cells, PGM2 is a major isozyme. This gene is highly polymorphic. Mutations in this gene cause glycogen storage disease type 14.
Protein Interactions	FUS; UBC; PAXIP1; FUBP1; TALDO1; MDH1; FH; APP; GRHPR; NIT2; PGM2; USP4; TERF2IP; TINF2; POT1; TERF1; UBA5; S100B; S100A1;
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-PGM1 (ARP56383_P050-Biotin) antibody
Blocking Peptide	For anti-PGM1 (ARP56383_P050-Biotin) antibody is Catalog # AAP56383 (Previous Catalog # AAPP38444)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PGM1
Uniprot ID	P36871
Protein Name	Phosphoglucomutase-1
Protein Accession #	NP_002624
Purification	Affinity Purified
Nucleotide Accession #	NM_002633
Gene Symbol	PGM1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Goat: 85%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%

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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