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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP53820_P050-HRP
Product Page	www.avivasysbio.com/pgk2-antibody-c-terminal-region-hrp-arp53820-p050-hrp.html
Name	PGK2 Antibody - C-terminal region : HRP (ARP53820_P050-HRP)
Protein Size (# AA)	417 amino acids
Molecular Weight	46kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	5232
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phosphoglycerate kinase 2
Alias Symbols	PGKB, PGKPS, HEL-S-272, dJ417L20.2
Peptide Sequence	Synthetic peptide located within the following region: ITVIGGGDIATCCAKWNTEDKVSHVSTGGGASLELLEGKILPGVEALSNM
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Mungall, A.J., (2003) Nature 425 (6960), 805-811
Description of Target	PGK2 is a testis-specific form of phosphoglycerate kinase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. The PGK2 gene encodes a testis-specific form of phosphoglycerate kinase (EC 2.7.2.3), which catalyzes the reversible conversion of 1,3-diphosphoglycerate to 3-phosphoglycerate during glycolysis, generating one molecule of ATP. See also PGK1 (MIM 311800), which is ubiquitously expressed in all somatic tissues and maps to chromosome Xq13.[supplied by OMIM]. Sequence Note: removed 3 bases from the 5' end that did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1675 BC038843.1 4-1678
Protein Interactions	SUMO2; UBC;
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-PGK2 (ARP53820_P050-HRP) antibody
Blocking Peptide	For anti-PGK2 (ARP53820_P050-HRP) antibody is Catalog # AAP53820 (Previous Catalog # AAPP30660)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PGK2
Uniprot ID	P07205
Protein Name	Phosphoglycerate kinase 2
Protein Accession #	NP_620061
Purification	Affinity Purified
Nucleotide Accession #	NM_138733
Gene Symbol	PGK2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 85%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 93%; Sheep: 85%; Zebrafish: 86%
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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