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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	ARP55658_P050-FITC
Product Page	www.avivasysbio.com/pgm2l1-antibody-n-terminal-region-fitc-arp55658-p050-fitc.html
Name	PGM2L1 Antibody - N-terminal region : FITC (ARP55658_P050-FITC)
Protein Size (# AA)	622 amino acids
Molecular Weight	70kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	283209
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Phosphoglucomutase 2-like 1
Alias Symbols	BM32A, PMMLP
Peptide Sequence	Synthetic peptide located within the following region: KEDNGYKVVYWEITGAQITSPHDKIEILKCIIECVPEPWNGSWNDNLVDTSPK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Maliekal,P., (2007) J. Biol. Chem. 282 (44), 31844-31851
Description of Target	PGM2L1 is the Glucose 1,6-bisphosphate synthase using 1,3-bisphosphoglycerate as a phosphate donor and a series of 1-phosphate sugars as acceptors, including glucose 1-phosphate, mannose 1-phosphate, ribose 1-phosphate and deoxyribose 1-phosphate. 5 or 6-phosphosugars are bad substrates, with the exception of glucose 6-phosphate. PGM2L1 also synthesizes ribose 1,5-bisphosphate. PGM2L1 has only low phosphopentomutase and phosphoglucomutase activities.
Protein Interactions	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-PGM2L1 (ARP55658_P050-FITC) antibody
Blocking Peptide	For anti-PGM2L1 (ARP55658_P050-FITC) antibody is Catalog# AAP55658 (Previous Catalog# AAPP36041)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PGM2L1
Uniprot ID	Q6PCE3
Protein Name	Glucose 1,6-bisphosphate synthase
Protein Accession #	NP_775853
Purification	Affinity Purified
Nucleotide Accession #	NM_173582
Gene Symbol	PGM2L1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; 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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