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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55864_P050-Biotin
Product Page	www.avivasysbio.com/ganc-antibody-middle-region-biotin-arp55864-p050-biotin.html
Name	GANC Antibody - middle region : Biotin (ARP55864_P050-Biotin)
Protein Size (# AA)	914 amino acids
Molecular Weight	104kDa
Conjugation	Biotin
NCBI Gene Id	2595
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glucosidase, alpha; neutral C
Alias Symbols	MGC138256
Peptide Sequence	Synthetic peptide located within the following region: VLGFRKEPSSVTTHSSDGKDQPVAFETYCAKTSILSLEKLSLNIATDWEVR
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Mehre,A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006)
Description of Target	GANC has alpha-glucosidase activity. Glycosyl hydrolase enzymes hydrolyse the glycosidic bond between two or more carbohydrates, or between a carbohydrate and a non-carbohydrate moiety. This gene encodes a member of glycosyl hydrolases family 31. This enzyme hydrolyses terminal, non-reducing 1,4-linked alpha-D-glucose residues and releases alpha-D-glucose. This is a key enzyme in glycogen metabolism and its gene localizes to a chromosomal region (15q15) that is associated with susceptibility to diabetes. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
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-GANC (ARP55864_P050-Biotin) antibody
Blocking Peptide	For anti-GANC (ARP55864_P050-Biotin) antibody is Catalog# AAP55864 (Previous Catalog# AAPP37033)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GANC
Uniprot ID	Q8TET4
Protein Name	Neutral alpha-glucosidase C
Protein Accession #	NP_937784
Purification	Affinity Purified
Nucleotide Accession #	NM_198141
Gene Symbol	GANC
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 86%; Guinea Pig: 100%; Horse: 86%; Human: 100%; Mouse: 79%; Rabbit: 100%; Rat: 100%

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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