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GANC Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18822a

Product Information

Application	WB, E
Primary Accession	Q8TET4
Other Accession	NP_937784.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB39462
Calculated MW	104334
Antigen Region	1-30

Additional Information

Gene ID	2595
Other Names	Neutral alpha-glucosidase C, GANC
Target/Specificity	This GANC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human GANC.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GANC Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GANC
Function	Has alpha-glucosidase activity.

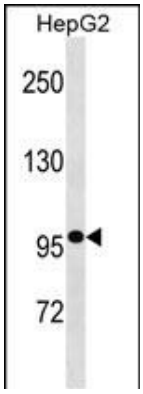
Background

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.

References

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Kawabata, Y., et al. FEBS Lett. 555(3):623-630(2003)
Dgany, O., et al. Am. J. Hum. Genet. 71(6):1467-1474(2002)
Hirschhorn, R., et al. Proc. Natl. Acad. Sci. U.S.A. 99(21):13642-13646(2002)
Usuki, F., et al. Muscle Nerve 11(4):365-371(1988)

Images



GANC Antibody (N-term)(Cat. #AP18822a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the GANC antibody detected the GANC protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.