

GANC Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18822a**Specification**

GANC Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8TET4
Other Accession	NP_937784.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	104334
Antigen Region	1-30

GANC Antibody (N-term) - 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.

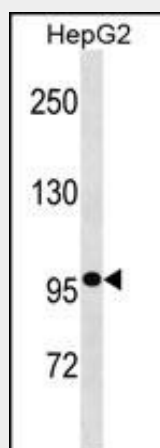
GANC Antibody (N-term) - Protein Information**Name** GANC**Function** Has alpha-glucosidase activity.

GANC Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GANC Antibody (N-term) - 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).

GANC Antibody (N-term) - 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.

GANC Antibody (N-term) - 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)
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