

Datasheet for ABIN2786405
anti-GANC antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	GANC
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Dog, Guinea Pig, Horse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GANC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GANC
Sequence:	VLGFRKEPSS VTTHSSDGKD QPVAFTYCAK TSILSLEKLS LNIATDWEVR
Predicted Reactivity:	Dog: 86%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against GANC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GANC
Alternative Name:	GANC (GANC Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: MGC138256</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 914</p>
Molecular Weight:	104 kDa
Gene ID:	2595
NCBI Accession:	NM_198141 , NP_937784
UniProt:	Q8TET4

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 914 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

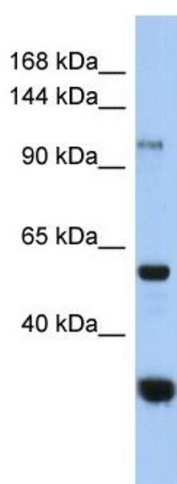
Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: **Molecular systems biology**, Vol. 3, pp. 89, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-GANC Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Hela cell lysate