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Datasheet for ABIN1714452 anti-GANC antibody (AA 31-130)

Publication



Overview

Quantity:	100 µL
Target:	GANC
Binding Specificity:	AA 31-130
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GANC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GANC/Neutral alphaglucosidase C
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Horse
Purification:	Purified by Protein A.
Target Details	
Target:	GANC

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Target Details	
Alternative Name:	GANC/Neutral alphaglucosidase C (GANC Products)
Background:	Synonyms: Ganc, GANC_HUMAN, Glucosidase alpha neutral C, MGC138256, Neutral alpha
	glucosidase C, Neutral alpha-glucosidase C, Neutral alphaglucosidase C.
	Background: A key enzyme in glycogen degradation and metabolism, GANC (glucosidase,
	neutral C) is a 914 amino acid protein with -glucosidase activity that belongs to the glycosyl
	hydrolase 31 family and hydrolyzes non-reducing, terminal 1,4-linked -D-glucose residues and
	releases -D-glucose. The gene encoding GANC maps to human chromosome 15q15.1, a region
	associated with susceptibility to non-insulin-dependent (type 2) diabetes mellitus, a disease
	characterized by high blood glucose levels. Human chromosome 15 houses over 700 genes
	and comprises nearly 3 % of the human genome. Angelman syndrome, Prader-Willi syndrome,
	Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-
	localized genes.
Gene ID:	2595
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Handling	
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	
Product cited in:	Wang, Liu, Wang, Yang, Li, Ding, Sun, Bai, Li: "Lycium barbarum Polysaccharide Promotes
	Maturation of Dendritic Cell via Notch Signaling and Strengthens Dendritic Cell Mediated T
	Lymphocyte Cytotoxicity on Colon Cancer Cell CT26-WT." in: Evidence-based complementary
	and alternative medicine : eCAM, Vol. 2018, pp. 2305683, (2018) (PubMed).