Anti-GANC antibody

Cat. No.	ml163965
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-GANC rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human GANC
Reactivity	Human
Content	1.26 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GANC
Full name	glucosidase alpha, neutral C
Synonyms	
Swissprot	Q8TET4

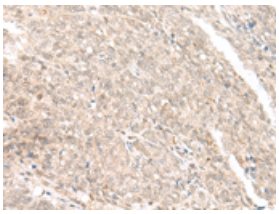
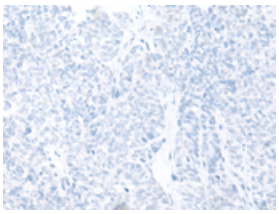
Target Background

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. Alternative splicing results in multiple transcript variants encoding different isoforms.

Applications

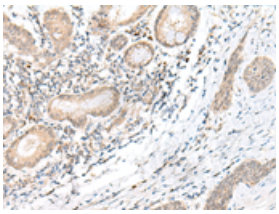
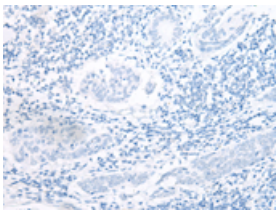
Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm
Positive control: Human ovarian cancer
Recommended dilution: 40-200

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml163965(GANC Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Nucleus and Cytoplasm
Positive control: Human esophagus cancer
Recommended dilution: 40-200

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml163965(GANC Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000