

Anti-GANC antibody

Cat. No.	ml263965
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GANC rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human GANC
Reactivity	Human, Mouse
Content	1.56 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.

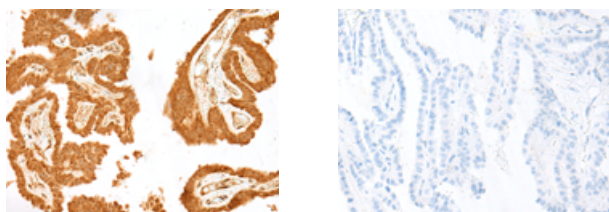
Applications

Immunohistochemistry

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-300

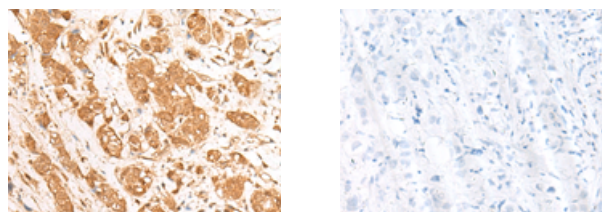


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml263965(GANC Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Nucleus and Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml263965(GANC Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size: 104 kDa

Positive control: TM4 cell lysate

Recommended dilution: 500-2000

Gel: 6%SDS-PAGE

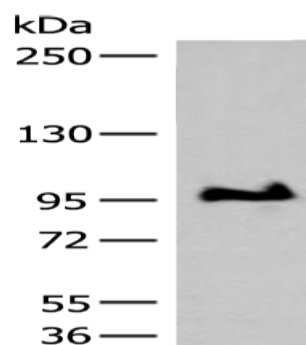
Lysate: 40 μ g

Lane: TM4 cell lysate

Primary antibody: ml263965(GANC Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 5000-10000

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