

Datasheet for ABIN389034
anti-GCNT1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	GCNT1
Binding Specificity:	AA 399-428, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCNT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GCNT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 399-428 amino acids from the C-terminal region of human GCNT1.
Clone:	RB4837-4838
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	GCNT1
Alternative Name:	GCNT1 (GCNT1 Products)

Target Details

Background: Glycosylation is one of the most universal but at the same time complex protein modifications. Modification with sugar moieties can be both co- translational and post- translational, occurring in the endoplasmatic reticulum and golgi. Three different forms of glycosylation can be distinguished: N-linked oligosaccharides, O-linked oligosaccharides and glycosyl-phosphatidylinositol (GPI-) anchors. Glycosylation results in thousands of distinct, bioactive glycoproteins resident throughout the cell that strongly determine protein-protein, carbohydrate-protein, membrane, and adhesion properties. Diseases associated with glycosylation defects include Congenital disorders of glycosylation, (CDG), also known as carbohydrate deficient glycoprotein syndromes, and diseases associated with advanced aging.

Molecular Weight: 49799

Gene ID: 2650

NCBI Accession: [NP_001091102](#), [NP_001091103](#), [NP_001091104](#), [NP_001091105](#), [NP_001481](#)

UniProt: [Q02742](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

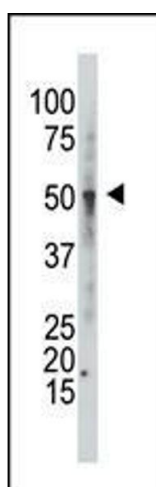
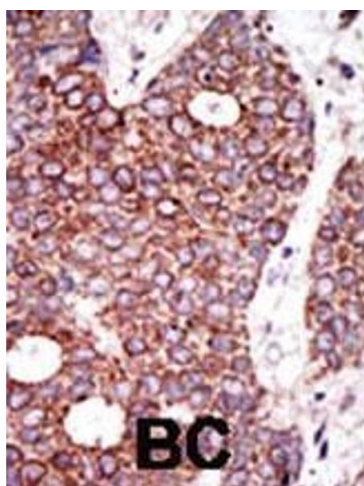
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of anti-GCNT1 Antibody (C-term) (ABIN389034 and ABIN2839249) in CEM cell line lysates (35 µg/lane). GCNT1 (arrow) was detected using the purified Pab.