

Datasheet for ABIN654928
anti-GCNT3 antibody (C-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	GCNT3
Binding Specificity:	AA 390-418, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCNT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This GCNT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 390-418 amino acids from the C-terminal region of human GCNT3.
Clone:	RB24613
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GCNT3
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Target Details

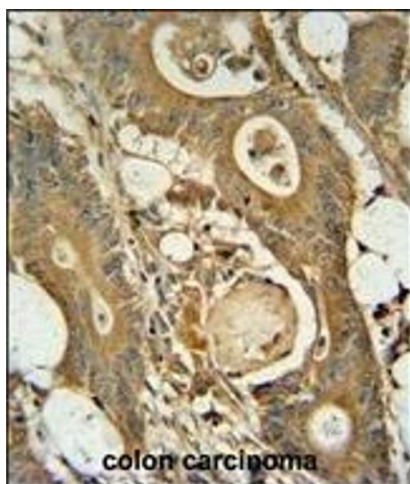
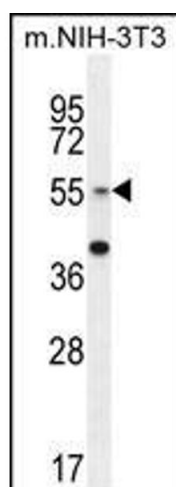
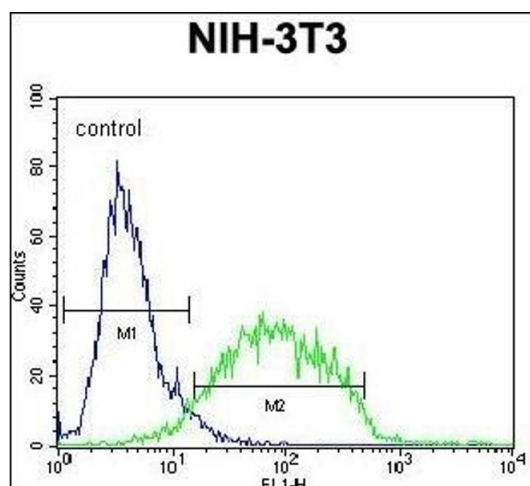
Alternative Name:	GCNT3 (GCNT3 Products)
Background:	This gene encodes a member of the N-acetylglucosaminyltransferase family. The encoded protein is a beta-6-N-acetylglucosamine-transferase that catalyzes the formation of core 2 and core 4 O-glycans on mucin-type glycoproteins.
Molecular Weight:	50864
Gene ID:	9245
NCBI Accession:	NP_004742
UniProt:	O95395
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
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



Flow Cytometry

Image 1. GCNT3 Antibody (C-term) (ABIN654928 and ABIN2844571) flow cytometric analysis of NIH-3T3 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. GCNT3 Antibody (C-term) (ABIN654928 and ABIN2844571) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane). This demonstrates the GCNT3 antibody detected the GCNT3 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. GCNT3 antibody (C-term) (ABIN654928 and ABIN2844571) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GCNT3 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.