

Datasheet for ABIN653156
anti-GALNT3 antibody (AA 454-481)

3 Images

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	GALNT3
Binding Specificity:	AA 454-481
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GALNT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-481 amino acids from the Central region of human GALNT3.
Clone:	RB21148
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GALNT3
Alternative Name:	GALNT3 (GALNT3 Products)

Target Details

Background: GALNT3 encodes UDP-GalNAc transferase 3, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation is regulated by a repertoire of GalNAc-transferases. The protein is highly homologous to other family members, however the enzymes have different substrate specificities.

Molecular Weight: 72610

Gene ID: 2591

NCBI Accession: [NP_004473](#)

UniProt: [Q14435](#)

Application Details

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

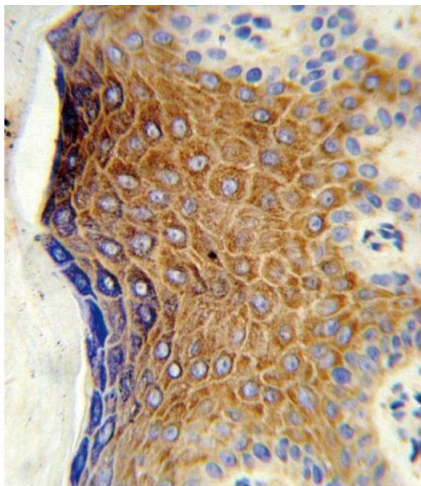
Preservative: Sodium azide

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

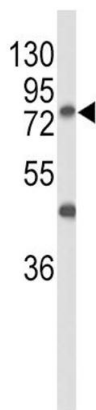
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



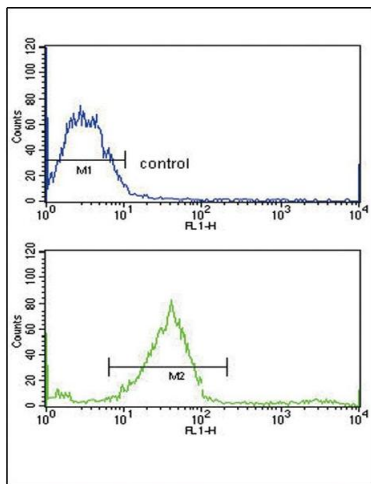
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human skin tissue reacted with GALNT3 Antibody (Center), 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.



Western Blotting

Image 2. Western blot analysis of GALNT3 Antibody (Center) (ABIN653156 and ABIN2842724) in MCF-7 cell line lysates (35 µg/lane). GALNT3 (arrow) was detected using the purified Pab.



Flow Cytometry

Image 3. GALNT3 Antibody (Center) (ABIN653156 and ABIN2842724) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.