

Datasheet for ABIN952444  
**anti-GALNT3 antibody (Middle Region)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	0.4 mL
Target:	GALNT3
Binding Specificity:	AA 461-490, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 461~490 amino acids from the Center region of human GALNT3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human GALNT3 (Center).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	GALNT3
Alternative Name:	GALNT3 ( <a href="#">GALNT3 Products</a> )
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

## Target Details

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. Synonyms: GalNAc transferase 3, GalNAc-T3, Polypeptide N-acetylgalactosaminyltransferase 3, Protein-UDP acetylgalactosaminyltransferase 3, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3, pp-GaNTase 3

Molecular Weight: 72610 Da

Gene ID: 2591

NCBI Accession: [NP\\_004473](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

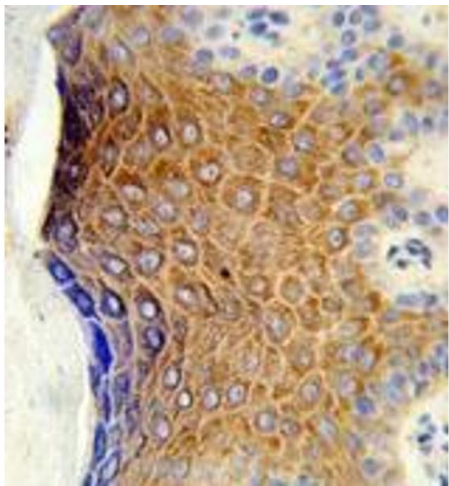
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

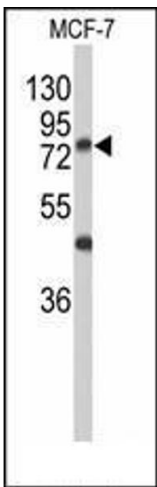
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



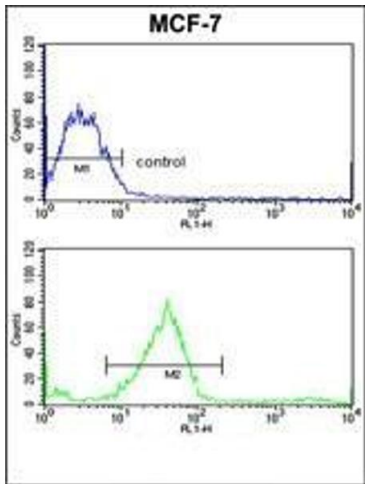
Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin-fixed and paraffin-embedded human skin tissue reacted with GALNT3 Antibody (Center) followed which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

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



Flow Cytometry

**Image 3.** Flow cytometric analysis of MCF-7 cells using GALNT3 Antibody (Center) Cat.-No AP51768PU-N (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.