

Datasheet for ABIN1538261
anti-GALNT9 antibody (AA 296-322)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | GALNT9 |
| Binding Specificity: | AA 296-322 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GALNT9 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | This GALNT9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 296-322 amino acids from the Central region of human GALNT9. |
| Clone: | RB38256 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | Pr |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | GALNT9 |
| Alternative Name: | GALNT9 (GALNT9 Products) |

Target Details

Background: This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. This gene is expressed specifically in the brain, with highest expression in the cerebellum. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 68359

Gene ID: 50614

NCBI Accession: [NP_001116108](#), [NP_068580](#)

UniProt: [Q9HCQ5](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

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

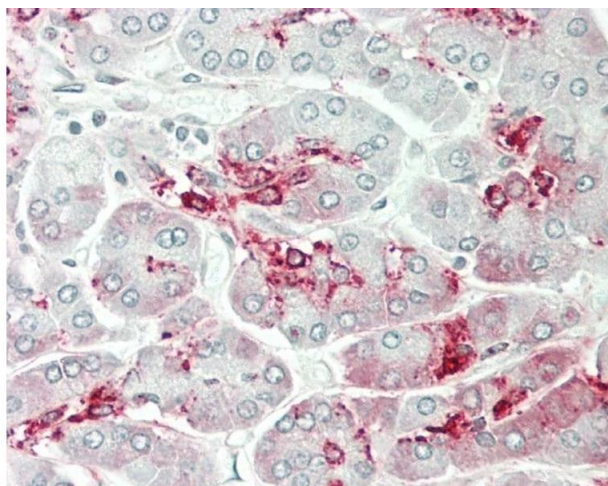
Preservative: Sodium azide

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

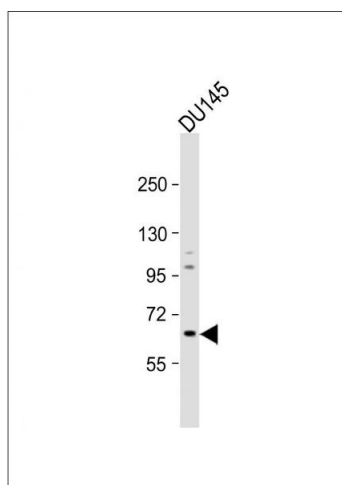
Storage Comment: GALNT9 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded H.pancreas tissue reacted with GALNT9 Antibody (Center) (ABIN1538261 and ABIN2849478).



Western Blotting

Image 2. Anti-GALNT9 Antibody (Center) at 1:1000 dilution + D whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 68 kDa
Blocking/Dilution buffer: 5 % NFDm/TBST.