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Datasheet for ABIN1537465
anti-GALNT6 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	GALNT6
Binding Specificity:	AA 552-579, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This GALNT6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 552-579 amino acids from the C-terminal region of human GALNT6.
Clone:	RB36515
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GALNT6
Alternative Name:	GALNT6 (GALNT6 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. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin.

Molecular Weight: 71159

Gene ID: 11226

NCBI Accession: [NP_009141](#)

UniProt: [Q8NCL4](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

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

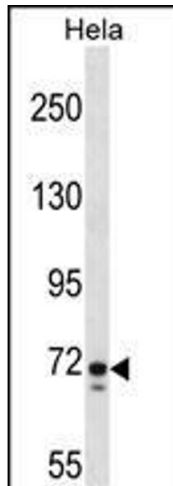
Preservative: Sodium azide

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: GALNT6 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. GALNT6 Antibody (C-term) (ABIN1537465 and ABIN2848506) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the GALNT6 antibody detected the GALNT6 protein (arrow).