

Datasheet for ABIN630481 **anti-GALNT6 antibody (N-Term)**

2 Images



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Overview

Quantity:	100 µg
Target:	GALNT6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	GALNT6 antibody was raised using the N terminal of GALNT6 corresponding to a region with amino acids MNNLRDSMPKLQIRAPEAQQLFSINQSLPGFYTPAELKPFWERPPQDP
Specificity:	GALNT6 antibody was raised against the N terminal of GALNT6
Purification:	Purified

Target Details

Target:	GALNT6
Alternative Name:	GALNT6 (GALNT6 Products)
Background:	GALNT6 is 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

Target Details

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. GALNT6 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: 71 kDa (MW of target protein)

Application Details

Application Notes: WB: 5 µg/mL, IHC: 4-8 µg/mL
Optimal conditions should be determined by the investigator.

Comment: GALNT6 Blocking Peptide, catalog no. 33R-6255, is also available for use as a blocking control in assays to test for specificity of this GALNT6 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of GALNT6 antibody in PBS

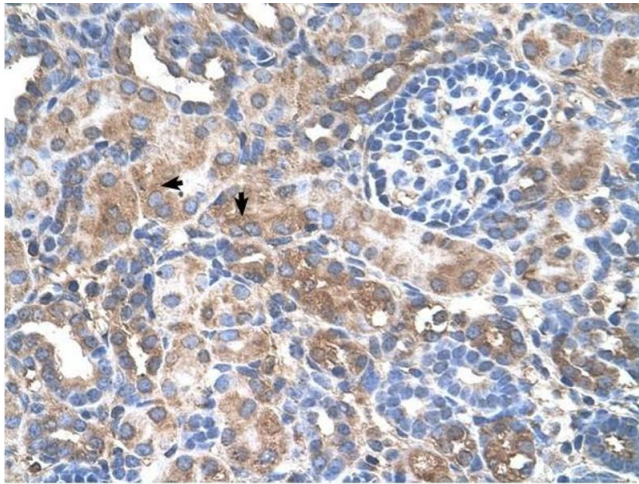
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

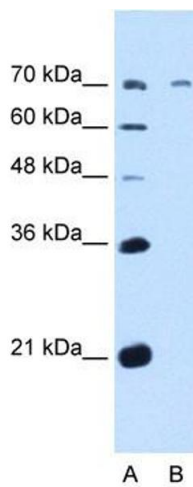
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Immunohistochemistry

Image 1. GALNT6 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. GALNT6 antibody used at 5 ug/ml to detect target protein.