

Datasheet for ABIN2856251
anti-GALNT7 antibody (Center)

5 Images

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Overview

Quantity:	100 µL
Target:	GALNT7
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GALNT7. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat (Rattus), Zebrafish (Danio rerio), Xenopus tropicalis
Cross-Reactivity (Details):	Rat (96 %), Zebrafish (82 %), Xenopus tropicalis (82 %)
Characteristics:	Rabbit Polyclonal antibody to GALNT7 (UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7)) GALNT7 antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GALNT7
Alternative Name:	GALNT7 (GALNT7 Products)
Background:	<p>This gene encodes GalNAc transferase 7, a member of the GalNAc-transferase family. The enzyme encoded by this gene controls the initiation step of mucin-type O-linked protein glycosylation and transfer of N-acetylgalactosamine to serine and threonine amino acid residues. This enzyme is a type II transmembrane protein and shares common sequence motifs with other family members. Unlike other family members, this enzyme shows exclusive specificity for partially GalNAc-glycosylated acceptor substrates and shows no activity with non-glycosylated peptides. This protein may function as a follow-up enzyme in the initiation step of O-glycosylation.</p> <p>Cellular Localization: Golgi apparatus membrane, Single-pass type II membrane protein</p>
Molecular Weight:	75 kDa
Gene ID:	51809

Application Details

Application Notes:	<p>Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:5000-1:20000* Not tested in other applications.</p> <p>*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:5000-1:20000*</p>
Comment:	Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji , mouse brain
Restrictions:	For Research Use only

Handling

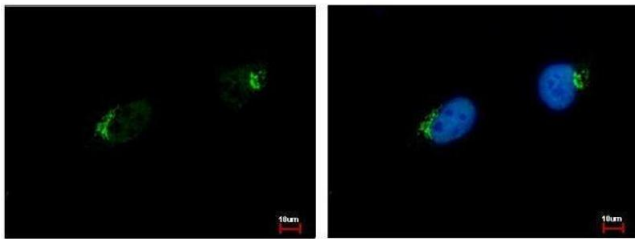
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C

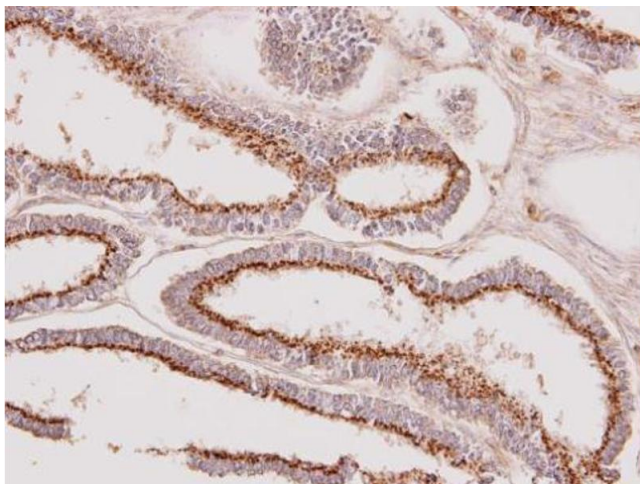
Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



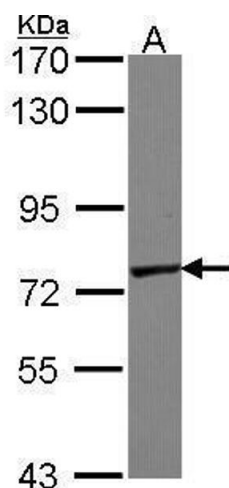
Immunofluorescence

Image 1. ICC/IF Image GALNT7 antibody [N1C2] detects GALNT7 protein at Golgi apparatus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GALNT7 protein stained by GALNT7 antibody [N1C2], diluted at 1:500. Blue: Hoechst 33343 staining.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded human endometrial cancer, using GALNT7, antibody at 1:100 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: A431, 7.5% SDS PAGE antibody diluted at 1:10000

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856251.