

ARG58738 anti-GALNT3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GALNT3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GALNT3
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-140 of Human GALNT3 (NP_004473.2).
Conjugation	Un-conjugated
Alternate Names	HHS; Protein-UDP acetylgalactosaminyltransferase 3; EC 2.4.1.41; pp-GaNTase 3; HFTC; Polypeptide GalNAc transferase 3; GalNAc-T3; Polypeptide N-acetylgalactosaminyltransferase 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	BT-474	
Observed Size	73 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

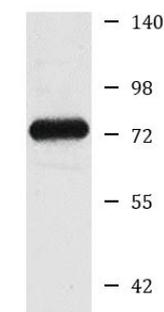
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GALNT3
Gene Full Name	polypeptide N-acetylgalactosaminyltransferase 3
Background	This gene 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 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 encoded by this gene is highly homologous to other family members, however the enzymes have different substrate specificities. [provided by RefSeq, Jul 2008]
Function	Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Has activity toward HIV envelope glycoprotein gp120, EA2, Muc2 and Muc5. Probably glycosylates fibronectin in vivo. Glycosylates FGF23. Plays a central role in phosphate homeostasis. [UniProt]
Calculated Mw	73 kDa
Cellular Localization	Golgi apparatus, Golgi stack membrane, Single-pass type II membrane protein. [UniProt]

Images



BT-474

ARG58738 anti-GALNT3 antibody WB image

Western blot: 25 µg of BT-474 cell lysate stained with ARG58738 anti-GALNT3 antibody at 1:1000 dilution.