

ARG45398 anti-GALNTL2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GALNTL2
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GALNTL2
Species	Human
Immunogen	Recombinant protein containing to human GALNTL2.
Conjugation	Un-conjugated
Alternate Names	GALNT15; Polypeptide N-Acetylgalactosaminyltransferase 15; Pp-GalNAc-T15; GALNTL2; GALNT7; UDP-N-Acetyl-Alpha-D-Galactosamine:Polypeptide N-Acetylgalactosaminyltransferase-Like 2; UDP-N-Acetyl-Alpha-D-Galactosamine:Polypeptide N-Acetylgalactosaminyltransferase 15; UDP-GalNAc:Polypeptide N-Acetylgalactosaminyltransferase-Like Protein 2; Polypeptide N-Acetylgalactosaminyltransferase-Like Protein 2; Protein-UDP Acetylgalactosaminyltransferase-Like Protein 2; Polypeptide GalNAc Transferase-Like Protein 2; Polypeptide GalNAc Transferase 15; Pp-GaNTase-Like Protein 2; GalNAc-T-Like Protein 2; UDP-N-Acetyl-Alpha-D-Galactosamine:Polypeptide N-Acetylgalactosaminyltransferase 7; Pregnancy-Induced Hypertension Syndrome-Related Protein; Polypeptide N-Acetylgalactosaminyltransferase 13; UDP-GalNAc Transferase T15; EC; GALNACT15; GALNT13; PIH5

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	73 kDa	

Properties

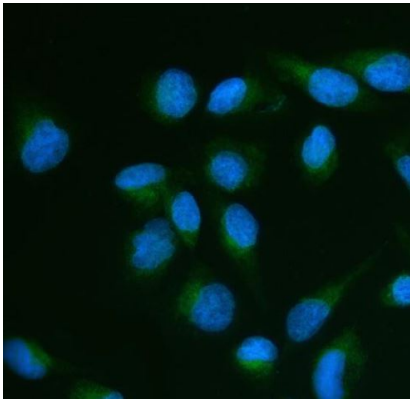
Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose

Concentration	0.5 mg/ml
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 or below. 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

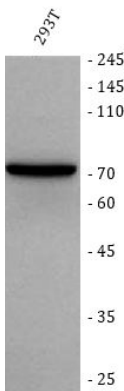
Gene Symbol	GALNT15
Gene Full Name	Polypeptide N-Acetylgalactosaminyltransferase 15
Background	Predicted to enable polypeptide N-acetylgalactosaminyltransferase activity. Predicted to be involved in protein O-linked glycosylation. Located in transport vesicle. [provided by Alliance of Genome Resources, Nov 2024]
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. Although it displays a much weaker activity toward all substrates tested compared to GALNT2, it is able to transfer up to seven GalNAc residues to the Muc5AC peptide, suggesting that it can fill vicinal Thr/Ser residues in cooperation with other GALNT proteins. Prefers Muc1a as substrate. [UniProt]
Calculated Mw	73 kDa
PTM	Disulfide bond; Glycoprotein. [UniProt]
Cellular Localization	Golgi apparatus; Membrane. [UniProt]

Images



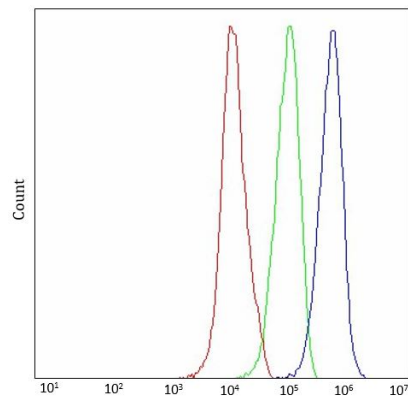
ARG45398 anti-GALNTL2 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45398 anti-GALNTL2 antibody at 5 µg/ml dilution.



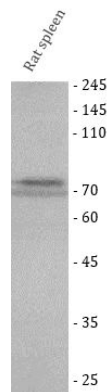
ARG45398 anti-GALNTL2 antibody WB image

Western blot: 293T stained with ARG45398 anti-GALNTL2 antibody at 0.5 µg/ml dilution.



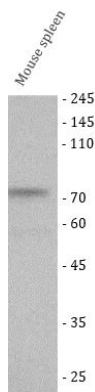
ARG45398 anti-GALNTL2 antibody FACS image

Flow Cytometry: 293T stained with ARG45398 anti-GALNTL2 antibody at 1 $\mu\text{g}/10^6$ cells dilution.



ARG45398 anti-GALNTL2 antibody WB image

Western blot: Rat spleen stained with ARG45398 anti-GALNTL2 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.



ARG45398 anti-GALNTL2 antibody WB image

Western blot: Mouse spleen stained with ARG45398 anti-GALNTL2 antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.