

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

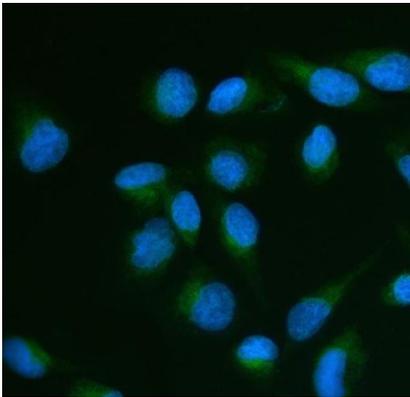
| | |
|--------------|---|
| Form | Liquid |
| Purification | Affinity purified |
| Buffer | 0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose. |
| Stabilizer | 4% Trehalose |

| | |
|---------------------|--|
| 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

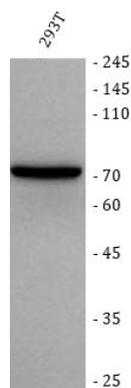
| | |
|-----------------------|--|
| Gene Symbol | GALNT15 |
| Gene Full Name | Polypeptide N-Acetylgalactosaminyltransferase 15 |
| Background | Predicted to enable polypeptide N-acetylgalactosaminyltransferase activity. Predicted to be involved in protein O-linked glycosylation. Located in transport 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



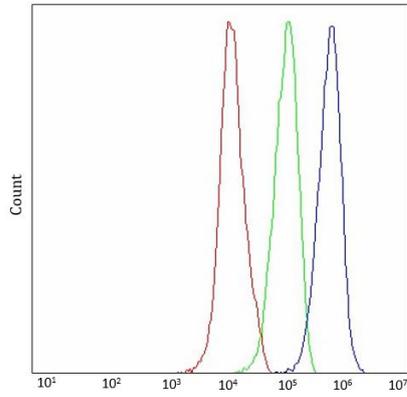
ARG45398 anti-GALNTL2 antibody ICC/IF image

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



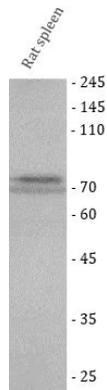
ARG45398 anti-GALNTL2 antibody WB image

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



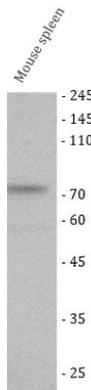
ARG45398 anti-GALNTL2 antibody FACS image

Flow Cytometry: 293T stained with ARG45398 anti-GALNTL2 antibody at 1 µg/10⁶ cells dilution.



ARG45398 anti-GALNTL2 antibody WB image

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



ARG45398 anti-GALNTL2 antibody WB image

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