



# GALNT4 Rabbit pAb

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|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-19543                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>                  | Human,Mouse                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>                   | GALNT4                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                   | Synthesized peptide derived from human GALNT4. AA range:34-134                                                                                                                                                                                                                                                   |
| <b>Specificity</b>                 | This antibody detects endogenous levels of GALNT4 at Human, Mouse                                                                                                                                                                                                                                                |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                          |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                           |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                            |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                             |
| <b>Storage Stability</b>           | -15°C to -25°C/1 year(Do not lower than -25°C)                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                    | GALNT4;Polypeptide N-acetylgalactosaminyltransferase 4 (Polypeptide GalNAc transferase 4) (GalNAc-T4) (pp-GaNTase 4) (Protein-UDP acetylgalactosaminyltransferase 4) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 4)                                                                                |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> | 64kD                                                                                                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>                | Golgi apparatus membrane ; Single-pass type II membrane protein .                                                                                                                                                                                                                                                |
| <b>Tissue Specificity</b>          | Ubiquitous. Highly expressed in mucous cells.                                                                                                                                                                                                                                                                    |
| <b>Function</b>                    | 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 a highest activity toward Muc7 , EA2 and Muc2 , with a lowest activity than GALNT2. Glycosylates 'Thr-57' of SELPLG. |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                  |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                             |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**