



# Anti-GALNT7 polyclonal antibody (DPABH-03834)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |   |
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| <b>Antigen Description</b> | Glycopeptide transferase involved in O-linked oligosaccharide biosynthesis, which catalyzes the transfer of an N-acetyl-D-galactosamine residue to an already glycosylated peptide. In contrast to other proteins of the family, it does not act as a peptide transferase that transfers GalNAc onto serine or threonine residue on the protein receptor, but instead requires the prior addition of a GalNAc on a peptide before adding additional GalNAc moieties. Some peptide transferase activity is however not excluded, considering that its appropriate peptide substrate may remain unidentified. |
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|---------------------------|---|
| <b>Immunogen</b>          | Synthetic peptide corresponding to Human GALNT7 aa 600 to the C-terminus (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). Database link: Q80VA0 |
| <b>Isotype</b>            | IgG   |
| <b>Source/Host</b>        | Rabbit  |
| <b>Species Reactivity</b> | Mouse   |
| <b>Purification</b>       | Immunogen affinity purified   |
| <b>Conjugate</b>          | Unconjugated  |
| <b>Applications</b>       | WB  |
| <b>Format</b>             | Liquid  |
| <b>Size</b>               | 100 µg  |
| <b>Buffer</b>             | pH: 7.40; Constituent: PBS  |
| <b>Preservative</b>       | 0.02% Sodium Azide  |

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| <b>Storage</b> | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
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## GENE INFORMATION

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| <b>Gene Name</b>       | <a href="#">GALNT7 polypeptide N-acetylgalactosaminyltransferase 8 [ Homo sapiens ]</a>   |
| <b>Official Symbol</b> | GALNT7  |
| <b>Synonyms</b>        | GALNT7; polypeptide N-acetylgalactosaminyltransferase 7; GalNAcT7; GALNAC-T7; N-acetylgalactosaminyltransferase 7; pp-GaNTase 7; polypeptide GalNAc transferase 7; protein-UDP acetylgalactosaminyltransferase 7; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 7; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7 (GalNAc-T7); |
| <b>Entrez Gene ID</b>  | <a href="#">51809</a>   |
| <b>Protein Refseq</b>  | <a href="#">NP_059119.2</a>   |
| <b>UniProt ID</b>      | <a href="#">Q86SF2</a>  |
| <b>Pathway</b>         | Metabolism of proteins; Mucin type O-Glycan biosynthesis; O-glycan biosynthesis, mucin type core; O-linked glycosylation of mucins  |
| <b>Function</b>        | metal ion binding; polypeptide N-acetylgalactosaminyltransferase activity;  |