



# Anti-GALNT7 polyclonal antibody (DPABH-03834)

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

## PRODUCT INFORMATION

<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.
<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

<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;

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