



Anti-GALNT2 (aa 473-571) polyclonal antibody (DPAB-DC1257)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the glycosyltransferase 2 protein family. Members of this family initiate mucin-type O-glycosylation of peptides in the Golgi apparatus. The encoded protein may be involved in O-linked glycosylation of the immunoglobulin A1 hinge region. This gene may influence triglyceride levels, and may be involved Type 2 diabetes, as well as several types of cancer. Alternative splicing results in multiple transcript variants.
Immunogen	GALNT2 (NP_004472, 473 a.a. ~ 571 a.a) partial recombinant protein with GST tag. The sequence is CHNAGGNQEWALTKEKSVKHMDLCLTVVDRAPGSLIKLQGCRENDSRQKWEQIEGNSKLR HVGSNLCLDSRTAKSGGLSVEVCGPALSQQWKFTLNLQQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GALNT2 polypeptide N-acetylgalactosaminyltransferase 2 [Homo sapiens (human)]
Official Symbol	GALNT2
Synonyms	GALNT2; polypeptide N-acetylgalactosaminyltransferase 2; GalNAc-T2; pp-GaNTase 2; polypeptide GalNAc transferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2);
Entrez Gene ID	2590
Protein Refseq	NP_001278795
UniProt ID	B7Z6K2
Chromosome Location	1q41-q42
Pathway	Metabolism of proteins; Mucin type O-Glycan biosynthesis; O-glycan biosynthesis, mucin type core; O-linked glycosylation of mucins
Function	manganese ion binding; polypeptide N-acetylgalactosaminyltransferase activity;