



Anti-OGT (aa 543-555) polyclonal antibody (DPABH-05580)

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

PRODUCT INFORMATION

Antigen Description	Addition of nucleotide-activated sugars directly onto the polypeptide through O-glycosidic linkage with the hydroxyl of serine or threonine. Mediates the O-glycosylation of MLL5 and HCFC1. Promotes proteolytic maturation of HCFC1.
Immunogen	Synthetic peptide: C-YEHPKDLKLS DGR, corresponding to internal sequence amino acids 543-555 of Human OGT/ O-Linked N-Acetylglucosamine Transferase
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Store at 4°C or -20°C long term. Avoid repeated freeze / thaw cycles. Store undiluted.

GENE INFORMATION

Gene Name	OGT O-linked N-acetylglucosamine (GlcNAc) transferase [Homo sapiens]
Official Symbol	OGT
Synonyms	OGT; O-linked N-acetylglucosamine (GlcNAc) transferase; HRNT1; O-GLCNAC; UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit; O-GlcNAc transferase p110 subunit; O-GlcNAc transferase subunit p110; O-linked N-acetylglucosamine transferase 110 kDa subunit; UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase; uridinediphospho-N-acetylglucosamine:polypeptide beta-N-acetylglucosaminyl transferase; O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase);
Entrez Gene ID	8473
Protein Refseq	NP_858058.1
UniProt ID	O15294
Pathway	Chromatin modifying enzymes; HATs acetylate histones; Other types of O-glycan biosynthesis;
Function	acetylglucosaminyltransferase activity; enzyme activator activity; contributes_to histone acetyltransferase activity (H4-K16 specific); contributes_to histone acetyltransferase activity (H4-K5 specific)