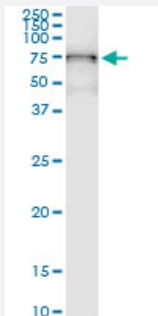


GALNT6 (Human) IP-WB Antibody Pair

Catalog # H00011226-PW1

Size 1 Set

Applications



Immunoprecipitation of GALNT6 transfected lysate using rabbit polyclonal anti-GALNT6 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-GALNT6.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (87)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of GALNT6 transfected lysate using rabbit polyclonal anti-GALNT6 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-GALNT6.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-GALNT6 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-GALNT6 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — GALNT6

Entrez GeneID [11226](#)

Gene Name GALNT6

Gene Alias GALNAC-T6, GalNAcT6

Gene Description UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6 (GalNAc-T6)

Omim ID [605148](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin. [provided by RefSeq]

Other Designations GalNAc transferase 6|UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 6|polypeptide N-acetylgalactosaminyltransferase 6|protein-UDP acetylgalactosaminyltransferase 6

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)

Disease

- [Tobacco Use Disorder](#)