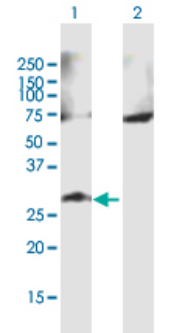
MaxPab®

GALNT9 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00050614-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GALNT9 expression in transfected 293T cell line (H00050614-T01) by GALNT9 MaxPab polyclonal antibody.

Lane 1: GALNT9 transfected lysate(26.07 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GALNT9 protein.
Immunogen	GALNT9 (NP_068580.2, 1 a.a. ~ 237 a.a) full-length human protein.
Sequence	MEVLPCSRVAHIERTRKPYNNDIDYYAKRNALRAAEVWMDDFKSHVYMAWNIPMSNPGVDFGDV SERLALRQRLKCRSFKWYLENVYPEMRVYNNTLTYGEVRNSKASAYCLDQGAEDGDRAILYPCH GMSSQLVRYSADGLLQLGPLGSTAFLPDSKCLVDDGTGRMPTLKKCEDVARPTQRLWDFTQSG PIVSRATGRCLEVEMSKDANFGLRLVVQRCSGQKWMIRNWIKHARH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Western Blot analysis of GALNT9 expression in transfected 293T cell line (H00050614-T01) by GALNT9 MaxPab polyclonal antibody.

  Lane 1: GALNT9 transfected lysate(26.07 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — GALNT9

Entrez GeneID	50614
GeneBank Accession#	NM_021808.2
Protein Accession#	NP_068580.2
Gene Name	GALNT9
Gene Alias	GALNAC-T9
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 9 (GalNAc-T9)
Omim ID	606251
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 lumenal 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. This gene is expressed specifically in the brain, with highest expression in the cerebellum. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	GalNAc transferase 9|UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase 9|UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 9|polypeptide N-acetylgalactosaminyltransferase 9|protein-UDP acetylgalactosaminyltransferase

Pathway

- Metabolic pathways
- O-Glycan biosynthesis