

Rabbit anti-Human, Rat GALNT4 Polyclonal Antibody | anti-GALNT4 antibody

GALNT4 Polyclonal Antibody

CATALOG # AAA179404	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot
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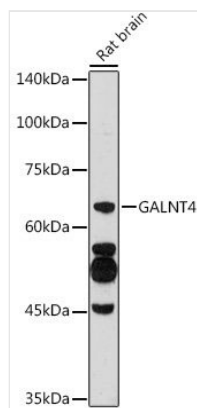
PRODUCT SYNONYMS

GALNT4; Polyclonal Antibody; GALNT4 Polyclonal Antibody; GALNAC-T4; GALNACT4; anti-GALNT4 antibody

PRODUCT SPECIFICATIONS

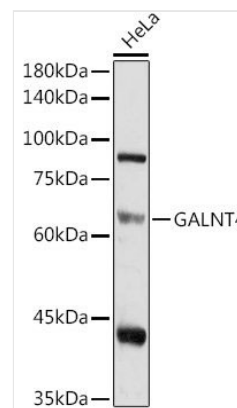
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GALNT4 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein of human GALNT4
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Rat brain using GALNT4 Polyclonal Antibody at 1:500 dilution.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells using GALNT4 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GALNT4 antibody	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. In vitro, the encoded protein can complement other GalNAc-Ts in the complete O-glycosylation of the mucin-1 tandem repeat and can O-glycosylate the P-selectin glycoprotein ligand-1 molecule. The coding region of this gene is contained within a single exon. Fusion transcripts, which combine part of this gene with the 5' exons of the neighboring POC1B (POC1 centriolar protein homolog B) gene, also exist.
Product Categories/Family for anti-GALNT4 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	315139010
NCBI GeneID	100528030
NCBI Accession #	NP_001186711.1
NCBI GenBank Nucleotide #	NM_001199782.1
UniProt Accession #	Q8N4A0; O00208; B2R775; B4DMX6
Molecular Weight	45,702 Da
NCBI Official Full Name	POC1B-GALNT4 protein isoform 2
NCBI Official Synonym Full Names	POC1B-GALNT4 readthrough
NCBI Official Symbol	POC1B-GALNT4
NCBI Protein Information	POC1B-GALNT4 protein
UniProt Protein Name	Polypeptide N-acetylgalactosaminyltransferase 4
UniProt Gene Name	GALNT4
UniProt Synonym Gene Names	GalNAc-T4; pp-GaNTase 4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/galnt4-antibody-western-blot-elisa/179404>