

Rabbit anti-Human GALNT5 Polyclonal Antibody | anti-GALNT5 antibody

GALNT5 Antibody (N-term)

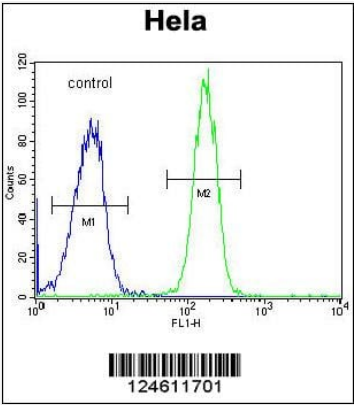
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287654	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

GALNT5; Polyclonal Antibody; GALNT5 Antibody (N-term); Polypeptide N-acetylgalactosaminyltransferase 5; Polypeptide GalNAc transferase 5; GalNAc-T5; pp-GaNTase 5; Protein-UDP acetylgalactosaminyltransferase 5; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 5; anti-GALNT5 antibody

PRODUCT SPECIFICATIONS

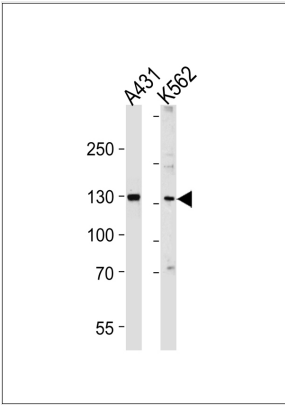
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GALNT5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human GALNT5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	24-53
Sequence Length	940
Applicable Applications for anti-GALNT5 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GALNT5 Antibody (N-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
GALNT5 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human normal lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GALNT5 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysates from A431, K562 cell line (from left to right), using GALNT5 Antibody (N-term). AAA287654 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-GALNT5 antibody	GALNT5 can catalyze the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. GALNT5 has activity toward EA2 peptide substrate, but it has a weak activity toward Muc2 or Muc1b substrates.
Product Categories/Family for anti-GALNT5 antibody	Signal Transduction
References	Simmons, A.D., et al. Hum. Mol. Genet. 8(12):2155-2164(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32698686
NCBI GeneID	11227
NCBI Accession #	NP_055383.1
NCBI GenBank Nucleotide #	NM_014568.1
UniProt Accession #	Q7Z7M9 ; Q9UGK7 ; Q9UHL6 ; A5PKZ1
Molecular Weight	106266

NCBI Official Full Name	polypeptide N-acetylgalactosaminyltransferase 5
NCBI Official Synonym Full Names	polypeptide N-acetylgalactosaminyltransferase 5
NCBI Official Symbol	GALNT5
NCBI Official Synonym Symbols	GALNACT5; GALNAC-T5
NCBI Protein Information	polypeptide N-acetylgalactosaminyltransferase 5
UniProt Protein Name	Polypeptide N-acetylgalactosaminyltransferase 5
UniProt Gene Name	GALNT5
UniProt Synonym Gene Names	GalNAc-T5; pp-GaNTase 5
UniProt Entry Name	GALT5_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/galnt5-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/287654>