

Rabbit anti-Human GALNT3 Polyclonal Antibody | anti-GALNT3 antibody

GALNT3 Antibody (Center)

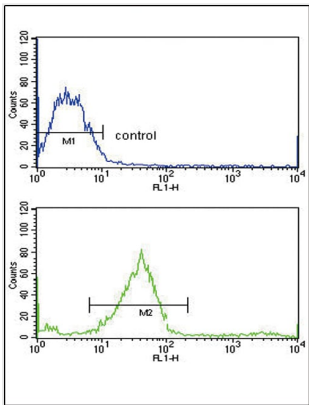
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288296	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

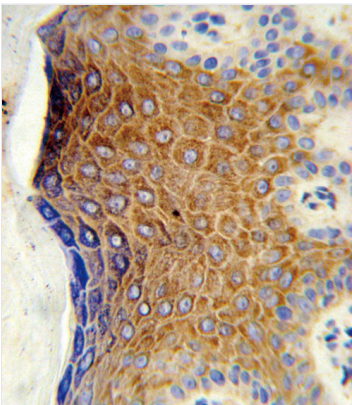
GALNT3; Polyclonal Antibody; GALNT3 Antibody (Center); Polypeptide N-acetylgalactosaminyltransferase 3; Polypeptide GalNAc transferase 3; GalNAc-T3; pp-GaNTase 3; Protein-UDP acetylgalactosaminyltransferase 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3; anti-GALNT3 antibody

PRODUCT SPECIFICATIONS

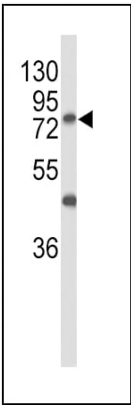
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GALNT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-481 amino acids from the Central region of human GALNT3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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: 0.416 (varies by lot)
Sequence Positions	454-481
Sequence Length	633
Applicable Applications for anti-GALNT3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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)
GALNT3 Antibody (Center) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human skin tissue reacted with GALNT3 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of GALNT3 Antibody (Center) in MCF-7 cell line lysates (35ug/lane). GALNT3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-GALNT3 antibody	GALNT3 encodes UDP-GalNAc transferase 3, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation is regulated by a repertoire of GalNAc-transferases. The protein is highly homologous to other family members, however the enzymes have different substrate specificities.
References	Joseph,L., et.al., Skeletal Radiol. 39 (1), 63-68 (2010) Masi,L.,et.al., J Bone Joint Surg Am 91 (5), 1190-1198 (2009) Chefetz,I., et.al, Biochim. Biophys. Acta 1792 (1), 61-67 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	153266878
NCBI GeneID	2591
NCBI Accession #	NP_004473.2
NCBI GenBank Nucleotide #	NM_004482.3
UniProt Accession #	Q14435; Q53TG9; Q7Z476
Molecular Weight	72610

NCBI Official Full Name	polypeptide N-acetylgalactosaminyltransferase 3
NCBI Official Synonym Full Names	polypeptide N-acetylgalactosaminyltransferase 3
NCBI Official Symbol	GALNT3
NCBI Official Synonym Symbols	HHS; HFTC; GalNAc-T3
NCBI Protein Information	polypeptide N-acetylgalactosaminyltransferase 3
UniProt Protein Name	Polypeptide N-acetylgalactosaminyltransferase 3
UniProt Gene Name	GALNT3
UniProt Synonym Gene Names	GalNAc-T3; pp-GaNTase 3
UniProt Entry Name	GALT3_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://stage.aaabiotech.com/polyclonal/galnt3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288296>