

DNAxPAb

Hard-to-Find
Antibody

GALNT12 DNAxPab

Catalog # H00079695-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GALNT12 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAGGLFAVSKKYFEYLGSYDTGMEVWGGENLEFSFRIWQCGGVLETHPCSHVGHVFPKQAPYS RNKALANSVRAAEVWMDEFKELYHRNPRARLEPFGDVTERKQLRDKLQCKDFKWLETVYPE LHVPEDRPGFFGMLQNKGLTDYCFDYNPPDENQIVGHQVILYLCHGMGQNQFFEYTSQKEIRYNT HQPEGCIAVEAGMDTLIMHLCEETAPENQKFILQEDGSLFHEQSKKCVQAARKESSDSFVPLLRD CTNSDHQKWFFKERML
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GALNT12

Entrez GeneID	79695
GeneBank Accession#	BC013945.1
Protein Accession#	AAH13945.1
Gene Name	GALNT12
Gene Alias	FLJ21212, GalNAc-T12
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalNAc-T12)
Omim ID	610290
Gene Ontology	Hyperlink
Gene Summary	GALNT12 is a member of a family of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferases (EC 2.4.1.41), which catalyze the transfer of N-acetylgalactosamine (GalNAc) from UDP-GalNAc to a hydroxyl amino acid on a polypeptide acceptor in the initial step of mucin-type O-linked protein glycosylation (Guo et al., 2002 [PubMed 12135769]).[supplied by OMIM]
Other Designations	OTTHUMP00000021781 UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase polypeptide N-acetylgalactosaminyltransferase 12

Pathway

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

Disease

- [Colon cancer](#)
- [Colonic Neoplasms](#)