

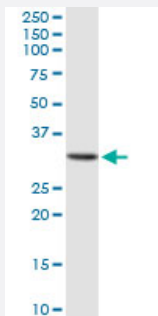
MaxPab®

GALNT12 purified MaxPab rabbit polyclonal antibody (D02P)

Catalog # H00079695-D02P

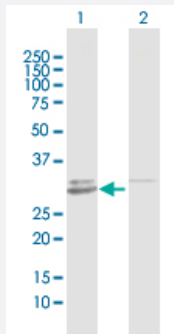
Size 100 ug

Applications



Western Blot (Cell lysate)

GALNT12 MaxPab rabbit polyclonal antibody. Western Blot analysis of GALNT12 expression in Jurkat.



Western Blot (Transfected lysate)

Western Blot analysis of GALNT12 expression in transfected 293T cell line ([H00079695-T04](#)) by GALNT12 MaxPab polyclonal antibody.

Lane 1: GALNT12 transfected lysate(31.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GALNT12 protein.
Immunogen	GALNT12 (AAH13945.1, 1 a.a. ~ 272 a.a) full-length human protein.
Sequence	MAGGLFAVSKKYFEYLGSYDTGMEVWGGENLEFSFRWQCGGVLETHPCSHVGHVFPKQAPYS RNKALANSVRAAEVWMDEFKELYHRNPRARLEPFGDVTERKQLRDKLQCKDFKWFLVTYPE LHVPEDRPGFFGMLQNKGLTDYCFDYNPPDENQIVGHQVILYLCHGMGQNQFFEYTSQKEIRYNT HQPEGCIAVEAGMDTLIMHLCETAPENQKFILQEDGSLFHEQSKKCVQAARKESSDSFVPLLRD CTNSDHQKWFFKERML
Host	Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (81)
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.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — GALNT12

Entrez GeneID	79695
GeneBank Accession#	BC013945
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](#)