

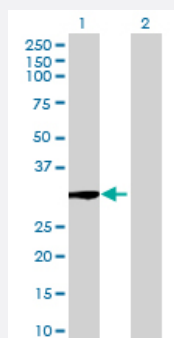
MaxPab®

GALNT12 MaxPab mouse polyclonal antibody (B02P)

Catalog # H00079695-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GALNT12 expression in transfected 293T cell line ([H00079695-T02](#)) by GALNT12 MaxPab polyclonal antibody.

Lane 1: GALNT12 transfected lysate(29.92 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GALNT12 protein.
Immunogen	GALNT12 (AAH13945, 1 a.a. ~ 272 a.a) full-length human protein.
Sequence	MAGGLFAVSKKYFEYLGSYDTGMEVWGGENLEFSFRWQCGGVLETHPCSHVGHVFPKQAPYS RNKALANSVRAAEVWMDDEFKELYHRNPRARLEPFGDVTERKQLRDKLQCKDFKWFLTVYPE LHPEDRPGFFGMLQNKGLTDYCFDYNPPDENQVGHQVILYLCHGMGQNQFFEYTSQKEIRYNT HQPEGCIAVEAGMDTLIMHLCEETAPENQKFILQEDGSLFHEQSKKCVQAARKESSDSFVPLLRD CTNSDHQKWFFKERML
Host	Mouse
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](#)

Gene Info — GALNT12

Entrez GeneID	79695
GeneBank Accession#	BC013945
Protein Accession#	AAH13945
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](#)