

GALNT12 rabbit monoclonal antibody

Catalog # H00079695-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GALNT12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GALNT12 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GALNT12 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GALNT12

Entrez GeneID	79695
GeneBank Accession#	GALNT12
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](#)