

GALNT3 rabbit monoclonal antibody

Catalog # H00002591-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GALNT3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GALNT3 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 GALNT3 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 — GALNT3

Entrez GeneID	2591
GeneBank Accession#	GALNT3
Gene Name	GALNT3
Gene Alias	DKFZp686C10199, GalNAc-T3, HFTC, HHS, MGC61909
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3)
Omim ID	211900 601756 610233
Gene Ontology	Hyperlink
Gene Summary	This gene 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 encoded by this gene is highly homologous to other family members, however the enzymes have different substrate specificities. [provided by RefSeq]
Other Designations	GalNAc transferase 3 OTTHUMP00000163020 polypeptide GalNAc-transferase T3 polypeptide N-acetylgalactosaminyltransferase 3 protein-UDP acetylgalactosaminyltransferase

Pathway

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