GALNT10 rabbit monoclonal antibody

Catalog # H00055568-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GALNT10 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GALNT10 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 GALNT10 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — GALNT10

Entrez GeneID	55568
GeneBank Accession#	GALNT10
Gene Name	GALNT10
Gene Alias	DKFZp586H0623, FLJ00205, FLJ11715, GalNAcT10, pp-GalNAc-T10
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)
Omim ID	608043
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the polypeptide N-acetylgalactosaminyltransferase (pp-GalNAc-T) gene family. Polypeptide GalNAc transferases initiate the synthesis of mucin-type oligosaccharides by transferring GalNAc from UDP-GalNAc to the hydroxyl group of either a serine or threonine residue on the polypeptide acceptor. Following expression in insect cells, recombinant GalNAc transferase 10 showed significant GalNAcT activity toward mucin-derived peptides, and it utilized both nonglycosylated and glycosylated peptide substrates. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq
Other Designations	GalNAc transferase 10|polypeptide N-acetylgalactosaminyltransferase 10

Pathway

- Metabolic pathways
- O-Glycan biosynthesis

Disease

- Tobacco Use Disorder