

GAL3ST1 rabbit monoclonal antibody

Catalog # H00009514-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GAL3ST1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GAL3ST1 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 GAL3ST1 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 — GAL3ST1

Entrez GeneID	9514
GeneBank Accession#	GAL3ST1
Gene Name	GAL3ST1
Gene Alias	CST
Gene Description	galactose-3-O-sulfotransferase 1
Omim ID	602300
Gene Ontology	Hyperlink
Gene Summary	Sulfonation, an important step in the metabolism of many drugs, xenobiotics, hormones, and neurotransmitters, is catalyzed by sulfotransferases. The product of this gene is galactosylceramide sulfotransferase which catalyzes the conversion between 3'-phosphoadenylylsulfate + a galactosylceramide to adenosine 3',5'-bisphosphate + galactosylceramide sulfate. Activity of this sulfotransferase is enhanced in renal cell carcinoma. [provided by RefSeq]
Other Designations	GalCer sulfotransferase cerebroside (3'-phosphoadenylylsulfate:galactosylceramide 3') sulfotransferase

Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)