CHST8 rabbit monoclonal antibody

Catalog #   H00064377-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CHST8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CHST8 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 CHST8 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 — CHST8

Entrez GeneID	64377
GeneBank Accession#	CHST8
Gene Name	CHST8
Gene Alias	GALNAC4ST1, GalNAc4ST
Gene Description	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8
Omim ID	610190
Gene Ontology	Hyperlink
Gene Summary	Sulfate groups in carbohydrates confer highly specific functions on glycoproteins, glycolipids, and proteoglycans and are critical for cell-cell interaction, signal transduction, and embryonic development. Sulfotransferases, such as CHST8, carry out sulfation of carbohydrates (Hiraoka et al., 2001 [PubMed 11445554]).[supplied by OMIM
Other Designations	GALNAC-4-ST1|GalNAc-4-O-sulfotransferase 1|N-acetylgalactosamine-4-O-sulfotransferase|carbohydrate sulfotransferase 8

Disease

- Asthma

- Genetic Predisposition to Disease

- Obesity

- Tobacco Use Disorder