

GALNS rabbit monoclonal antibody

Catalog # H00002588-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	2588
GeneBank Accession#	GALNS
Gene Name	GALNS
Gene Alias	FLJ17434, FLJ42844, FLJ98217, GALNAC6S, GAS, MPS4A
Gene Description	galactosamine (N-acetyl)-6-sulfate sulfatase
Omim ID	253000
Gene Ontology	Hyperlink
Gene Summary	This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder. [provided by RefSeq]
Other Designations	chondroitinase

Pathway

- [Glycosaminoglycan degradation](#)
- [Lysosome](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)