SULF1 rabbit monoclonal antibody

Catalog #   H00023213-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SULF1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SULF1 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 SULF1 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 — SULF1

Entrez GeneID	23213
GeneBank Accession#	SULF1
Gene Name	SULF1
Gene Alias	FLJ30905, FLJ38022, FLJ41750, HSULF-1, KIAA1077, SULF-1
Gene Description	sulfatase 1
Omim ID	610012
Gene Ontology	Hyperlink
Gene Summary	Heparan sulfate proteoglycans (HSPGs) act as coreceptors for numerous heparin-binding growth factors and cytokines and are involved in cell signaling. Heparan sulfate 6-O-endosulfatases, such as SULF1, selectively remove 6-O-sulfate groups from heparan sulfate. This activity modulates the effects of heparan sulfate by altering binding sites for signaling molecules (Dai et al., 2005 [PubMed 16192265]).[supplied by OMIM
Other Designations	sulfatase FP

Disease

- Genetic Predisposition to Disease

- Narcolepsy

- Tobacco Use Disorder