

CHST11 rabbit monoclonal antibody

Catalog # H00050515-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CHST11 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CHST11 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 CHST11 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 — CHST11

Entrez GeneID	50515
GeneBank Accession#	CHST11
Gene Name	CHST11
Gene Alias	C4ST, C4ST-1, C4ST1, HSA269537
Gene Description	carbohydrate (chondroitin 4) sulfotransferase 11
Omim ID	610128
Gene Ontology	Hyperlink
Gene Summary	Chondroitin 4-sulfotransferases, such as CHST11, catalyze the transfer of sulfate from 3-prime-phosphoadenosine 5-prime-phosphosulfate to position 4 of N-acetylgalactosamine residues in chondroitin (Yamauchi et al., 2000 [PubMed 10722746]).[supplied by OMIM]
Other Designations	chondroitin 4-sulfotransferase

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Sulfur metabolism](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)