

B3GAT3 rabbit monoclonal antibody

Catalog # H00026229-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human B3GAT3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human B3GAT3 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 B3GAT3 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 — B3GAT3

Entrez GeneID	26229
GeneBank Accession#	B3GAT3
Gene Name	B3GAT3
Gene Alias	GLCATI, GlcAT-I
Gene Description	beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I)
Omim ID	606374
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the glucuronyltransferase gene family, enzymes that exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product catalyzes the formation of the glycosaminoglycan-protein linkage by way of a glucuronyl transfer reaction in the final step of the biosynthesis of the linkage region of proteoglycans. [provided by RefSeq]
Other Designations	Sqv-8-like protein beta-1,3-glucuronyltransferase 3 galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase glucuronosyltransferase I

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)