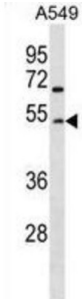


N-Acetyllactosaminide Beta-1,6-N-Acetylglucosaminyl-Transferase (GCNT2) Antibody

Catalogue No.: abx030311



This gene encodes the enzyme responsible for formation of the blood group I antigen. The i and I antigens are distinguished by linear and branched poly-N-acetyllactosaminoglycans, respectively. The encoded protein is the I-branching enzyme, a beta-1, 6-N-acetylglucosaminyltransferase responsible for the conversion of fetal i antigen to adult I antigen in erythrocytes during embryonic development. Mutations in this gene have been associated with adult i blood group phenotype. Alternatively spliced transcript variants encoding different isoforms have been described.

Target:	N-Acetyllactosaminide Beta-1,6-N-Acetylglucosaminyl-Transferase (GCNT2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 213-240 amino acids from the Central region of human GCNT2.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q8N0V5 (UniProt , ExPASy)

Datasheet

Version: 3.0.0

Revision date: 05 Feb 2025



Gene Symbol:	GCNT2
GeneID:	2651
OMIM:	600429
HGNC:	4204
KEGG:	hsa:2651
Ensembl:	ENSG00000111846
Molecular Weight:	Calculated MW: 45.9 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	This product is for research use only.

For Reference Only