

DNAxPAb

Hard-to-Find
Antibody

GCNT2 DNAxPab

Catalog # H00002651-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GCNT2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNFWRYCFFAFTLLSVVIFVRFYSSQLSPPKSYEKLNSSSERYFRKTACNHAEKMPVFLWENILP SPLRSVPCKDYLQNHYTSPLEEEAAFLAYVMVIHKDFDTERLFRAYMPQNVYCVHVDEKA PAEYKESVRQLLSCFQNAFIASKTESVYAGISRLQADLNCLKDLVASEVPWKYVINTCGQDFPLK TNREIVQHLKGFGKGNITPGVLPPDHAIRTKYVHQEHTDKGGFFVKNTNILKTSPPHQLTYFGTAY VALTRDFVDFVLRDQRAIDLLQWSKDTYSPDEHFVWTLNRVSGVPGSMPNASWTGNLRAIKWS DMEDRHGGCHGHYVHGICYGNGDLKWLVNPSLFAKFKELNTYPLTVECLELRHRERTLNQSET AIQPSWYF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — GCNT2

Entrez GeneID	2651
GeneBank Accession#	NM_145655.3
Protein Accession#	NP_663630.2
Gene Name	GCNT2
Gene Alias	CCAT, GCNT2C, GCNT5, IGNT, II, MGC163396, NACGT1, NAGCT1, ULG3, bA360O19.2, bA421M1.1
Gene Description	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)
Omim ID	110800 212500 600429
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	I beta-1,6-N-acetylglucosaminyltransferase I-branching beta-1,6-acetylglucosaminyltransferase I blood group N-acetyllactosaminide beta-1,6-N-acetylglucosaminyltransferase OTTHUMP00000016015 OTTHUMP00000016018 OTTHUMP00000016021 beta-1,6-N-acetylglucosami

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)

- [Prostatic Neoplasms](#)