

## Product datasheet for **TA360102**

### GCNT2 Rabbit Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Reactivity:             | Human   |
| Host:                   | Rabbit  |
| Clonality:              | Polyclonal  |
| Immunogen:              | The immunogen is a synthetic peptide directed towards the N-terminal region of Human GNT2C  |
| Specificity:            | <b>Expected reactivity:</b> Human   |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Concentration:          | lot specific  |
| Purification:           | Affinity purified   |
| Conjugation:            | Unconjugated  |
| Storage:                | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.   |
| Stability:              | Shelf life: one year from despatch.   |
| Predicted Protein Size: | 44kDa   |
| Gene Name:              | glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)   |
| Database Link:          | <a href="#">NP_663630</a><br><a href="#">Entrez Gene 2651 Human</a><br><a href="#">Q8NFS9</a>   |



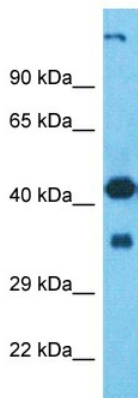
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**Background:**

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.

**Synonyms:**

bA360O19.2; bA421M1.1; CCAT; GCNT2C; GCNT5; IGNT; II; MGC163396; N-acetylglucosaminyltransferase; NACGT1; NAGCT1; ULG3

**Product images:**

Host: Rabbit  
Target Name: GNT2C  
Sample Tissue: HCT116 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: GNT2C  
Sample Type: HCT116 Whole Cell lysates  
Antibody Dilution: 1.0ug/ml