

## Product datasheet for **TA369549S**

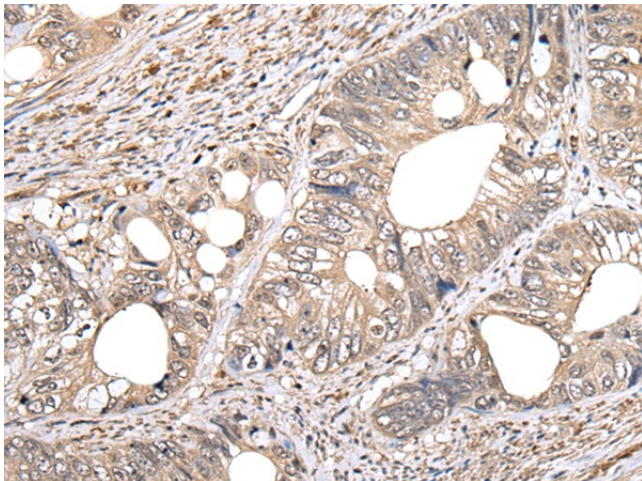
### GCNT2 Rabbit Polyclonal Antibody

#### Product data:

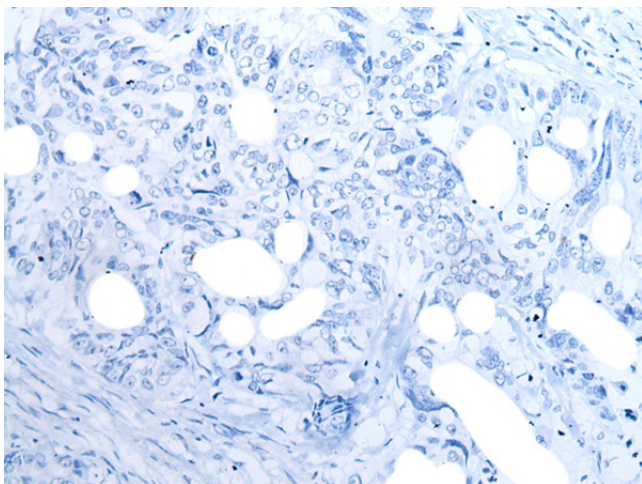
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 40-200 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GCNT2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (I blood group)
Database Link:	<a href="#">Entrez Gene 2651 Human Q8NOV5</a>
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



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**Product images:**

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA369549] (GCNT2 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA369549] (GCNT2 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)