

Datasheet for ABIN7245791

anti-GCNT2 antibody[Go to Product page](#)**1** Image

Overview

| | |
|--------------|--------------------------------------|
| Quantity: | 200 µL |
| Target: | GCNT2 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GCNT2 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|------------------|-------------------------------|
| Immunogen: | Fusion protein of human GCNT2 |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Antigen affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | GCNT2 |
| Alternative Name: | GCNT2 (GCNT2 Products) |
| 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 |

Target Details

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.

UniProt: [Q8NFS9](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: IHC 1:40-1:200, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.9 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

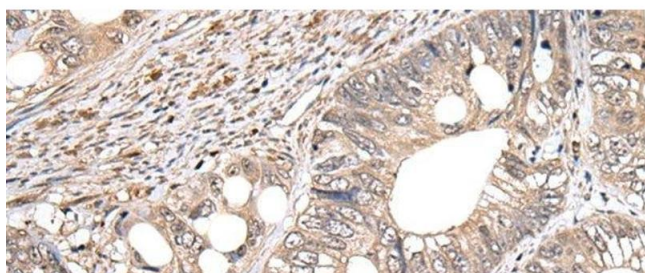
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GCNT2 Polyclonal Antibody at dilution of 1:60(x200)