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## Datasheet for ABIN7120596 **anti-B3GNT5 antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µg   |
| Target:      | B3GNT5   |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This B3GNT5 antibody is un-conjugated                    |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5 |
| Isotype:      | IgG   |
| Purification: | Immunogen affinity purified                                   |
| Purity:       | ≥95 % as determined by SDS-PAGE                               |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | B3GNT5  |
| Alternative Name: | B3GNT5 ( <a href="#">B3GNT5 Products</a> )  |
| Background:       | Synonyms: Background:Beta-1,3-N-acetylglucosaminyltransferase that plays a key role in the synthesis of lacto- or neolacto-series carbohydrate chains on glycolipids, notably by participating in biosynthesis of HNK-1 and Lewis X carbohydrate structures. Has strong activity toward lactosylceramide(LacCer) and neolactotetraosylceramide(nLc(4)Cer, paragloboside), |

## Target Details

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resulting in the synthesis of Lc(3)Cer and neolactopentaosylceramide(nLc(5)Cer), respectively. Probably plays a central role in regulating neolacto-series glycolipid synthesis during embryonic development.

Molecular Weight: 44kd

Gene ID: 84002

UniProt: [Q9BYG0](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months