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# B3GALTL Antibody
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP50766**

## Specification

### B3GALTL Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC** |
| Primary Accession | Q6Y288 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **57 KDa** |
| Antigen Region | **470-496** |

### B3GALTL Antibody - Additional Information

**Gene ID** 145173

**Other Names**
Beta-1, 3-glucosyltransferase, Beta3Glc-T, 241-, Beta-3-glycosyltransferase-like, B3GALTL, B3GTL

**Dilution**
WB~~ 1:1000
IHC~~1:50-100

**Format**
Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

**Storage Conditions**
-20℃

### B3GALTL Antibody - Protein Information

**Name** B3GLCT (HGNC:20207)

**Synonyms** B3GALTL, B3GTL

**Function**
O-glucosyltransferase that transfers glucose toward fucose with a beta-1,3 linkage. Specifically glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan.

**Cellular Location**
Endoplasmic reticulum membrane {ECO:0000255|PROSITE-ProRule:PRU10138, ECO:0000269|PubMed:16899492}; Single-pass type II membrane protein

**Tissue Location**

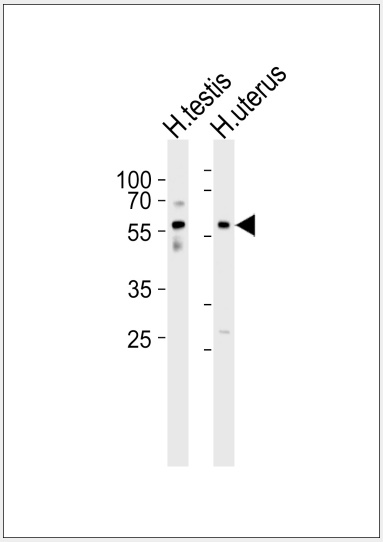
Widely expressed, with highest levels in testis and uterus.

## B3GALTL Antibody - Protocols

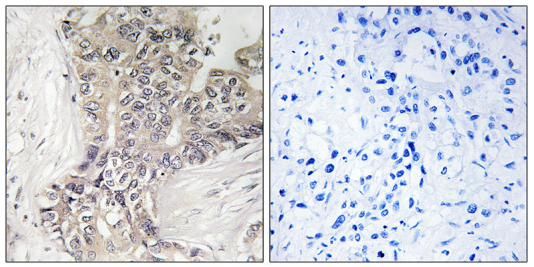
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## B3GALTL Antibody - Images




Western blot analysis of lysates from human testis and uterus tissue lysate(from left to right),using B3GALTL Antibody(AP50766). AP50766 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using B3GALTL antibody.

## B3GALTL Antibody - Background

O-fucosyltransferase that transfers glucose toward fucose with a beta-1,3 linkage. Specifically

glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan.

**B3GALTL Antibody - References**

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