

## Datasheet for ABIN7117094 **anti-OGT antibody**



[Go to Product page](#)

### Overview

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

### Product Details

|               |                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase) |
| Isotype:      | IgG                                                                                                                      |
| Purification: | Immunogen affinity purified                                                                                              |
| Purity:       | ≥95 % as determined by SDS-PAGE                                                                                          |

### Target Details

|                   |                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | OGT                                                                                                                                                                                                                                                                                       |
| Alternative Name: | OGT ( <a href="#">OGT Products</a> )                                                                                                                                                                                                                                                      |
| Background:       | Synonyms: Background: This gene encodes a glycosyltransferase that catalyzes the addition of a single N-acetylglucosamine in O-glycosidic linkage to serine or threonine residues. Since both phosphorylation and glycosylation compete for similar serine or threonine residues, the two |

## Target Details

processes may compete for sites, or they may alter the substrate specificity of nearby sites by steric or electrostatic effects. The protein contains multiple tetratricopeptide repeats that are required for optimal recognition of substrates. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Molecular Weight: | 117 kDa                                                      |
| Gene ID:          | 8473                                                         |
| UniProt:          | <a href="#">O15294</a>                                       |
| Pathways:         | <a href="#">Regulation of Carbohydrate Metabolic Process</a> |

## Application Details

|                    |                                       |
|--------------------|---------------------------------------|
| Application Notes: | WB: 1:500 - 1:2000, IHC: 1:50 - 1:200 |
| Restrictions:      | For Research Use only                 |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                              |