

Datasheet for ABIN3032083  
**anti-OGT antibody (AA 1017-1046)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	0.4 mL
Target:	OGT
Binding Specificity:	AA 1017-1046
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OGT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A portion of amino acids 1017-1046 from the human protein was used as the immunogen for this OGT antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat, Pig, Rabbit
Purification:	Purified

## Target Details

Target:	OGT
Alternative Name:	OGT ( <a href="#">OGT Products</a> )
Background:	O-linked N-acetylglucosamine (O-GlcNAc) transferase (OGT) catalyzes the addition of a single

## Target Details

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 processes may compete for sites, or they may alter the substrate specificity of nearby sites by steric or electrostatic effects. The protein contains nine tetratricopeptide repeats and a putative bipartite nuclear localization signal.

UniProt: [O15294](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

Application Notes: Titration of the OGT antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

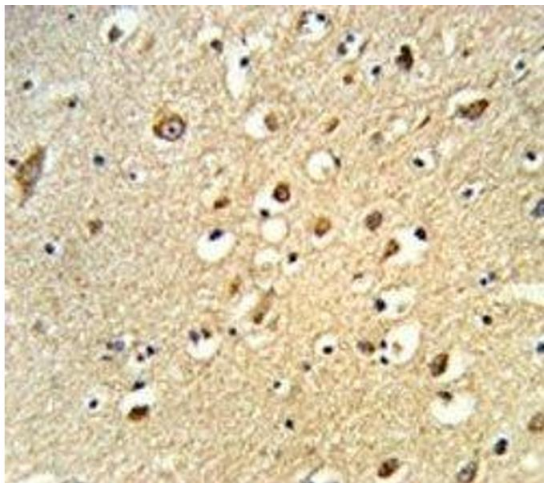
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

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: Aliquot the OGT antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



#### Immunohistochemistry

**Image 1.** IHC analysis of FFPE human brain tissue stained with OGT antibody



#### Western Blotting

**Image 2.** Western blot analysis of OGT antibody and mouse bladder tissue lysate

#### Western Blotting

**Image 3.** Western blot analysis of OGT antibody and mouse bladder tissue lysate