

Datasheet for ABIN7306074

**anti-OGT antibody**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	OGT
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OGT antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunochromatography (IC)

## Product Details

Immunogen:	Recombinant full length protein of human OGT
Specificity:	Recognizes endogenous levels of OGT protein.
Characteristics:	Rabbit polyclonal antibody to OGT
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	OGT
Alternative Name:	OGT ( <a href="#">OGT Products</a> )
Background:	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit, O-GlcNAc transferase subunit p110, O-linked N-acetylglucosamine transferase 110 kDa subunit, OGT

## Target Details

Gene ID:	8473, 108155, 26295
UniProt:	<a href="#">O15294</a> , <a href="#">Q8CGY8</a> , <a href="#">P56558</a>
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200), IP (1:20 - 1:50)
Restrictions:	For Research Use only

## Handling

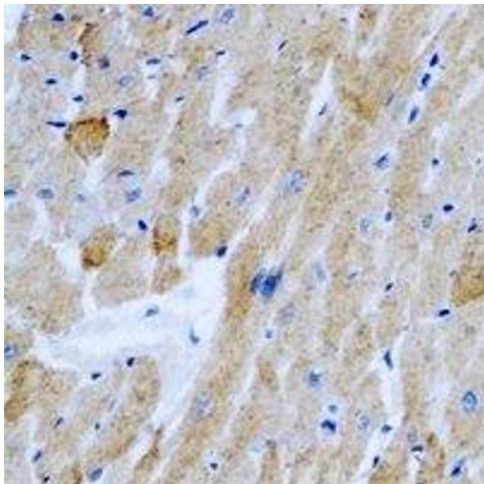
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



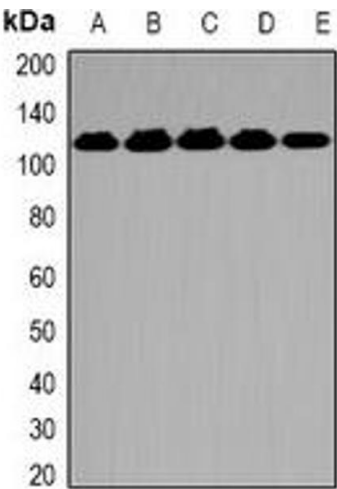
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of OGT staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in



Immunohistochemistry

**Image 2.** Immunohistochemical analysis of OGT staining in rat heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antib



Western Blotting

**Image 3.** Western blot analysis of OGT expression in K562 (A), A549 (B), Hela (C), mouse spleen (D), mouse brain (E) whole cell lysates.