

Datasheet for ABIN7306074

anti-OGT antibody**3** Images[Go to Product page](#)

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 (OGT Products)
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:	O15294 , Q8CGY8 , P56558
Pathways:	Regulation of Carbohydrate Metabolic Process

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

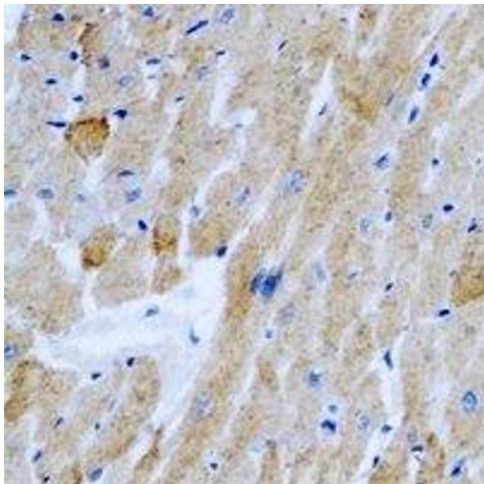
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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



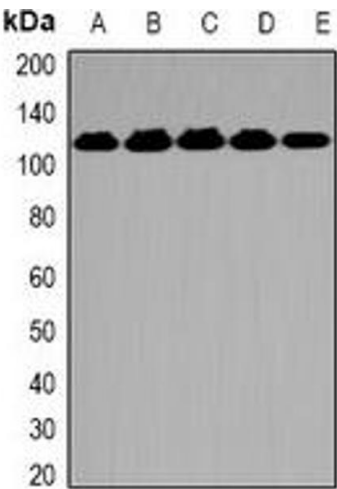
Immunofluorescence

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.