

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-OGT Antibody

**Catalog:** DL95967A

**Synonyms:** UDP-N-acetylglucosamine--peptide  
N-acetylglucosaminyltransferase 110 kDa subunit;  
O-GlcNAc transferase subunit p110; O-linked  
N-acetylglucosamine transferase 110 kDa subunit;  
OGT

**Immunogen:** Recombinant full length protein of human OGT

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Application:** WB, IHC, IF/IC, IP

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/2000),  
IHC (1/50 - 1/200), IF/IC (1/50 -  
1/200), IP (1/20 - 1/50)

**Entrez Gene:** 8473/108155/26295

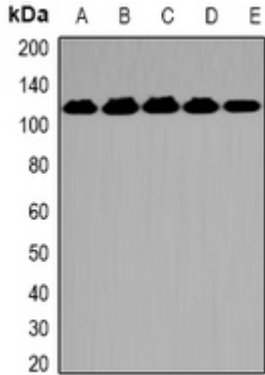
**SwissProt:** O15294/Q8CGY8/P56558

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

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



### IHC description:

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 antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### IF/ICC description:

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



**IP description:**

**Storage:**

Store at -20°C. Avoid repeated freeze / thaw cycles.