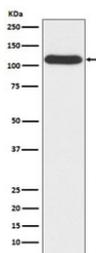


## OGT Antibody / O-GlcNAc transferase subunit p110 [clone AEDG-15] (RQ4724)

Catalog No.	Formulation	Size
RQ4724	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	AEDG-15
<b>Purity</b>	Affinity purified
<b>UniProt</b>	O15294
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This OGT antibody is available for research use only.



Western blot testing of human A549 cell lysate with OGT antibody. Predicted molecular weight: 110-117 kDa.

### Description

The OGT 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 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. [RefSeq]

## **Application Notes**

Optimal dilution of the OGT antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide specific to human OGT was used as the immunogen for the OGT antibody.

## **Storage**

Store the OGT antibody at -20oC.