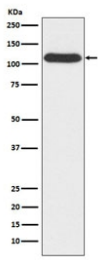
OGT Antibody / O-GlcNAc transferase subunit p110 [clone AEDG-15] (RQ4724)

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

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AEDG-15
Purity	Affinity purified
UniProt	O15294
Applications	Western blot: 1:500-1:2000
Limitations	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.

Copyright © NSJ Bioreagents. All rights reserved.