

OGT

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW:117kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human OGT

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HRNT1; O-GLCNAC;

Catalog #:A1990

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:8473

Isotype:IgG

Swiss Prot:O15294

Purity:Affinity purification

For research use only.

Background:

This gene 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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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