

## 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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