

## OGT Antibody

Catalog No: #32540

Package Size: #32540-1 50ul #32540-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

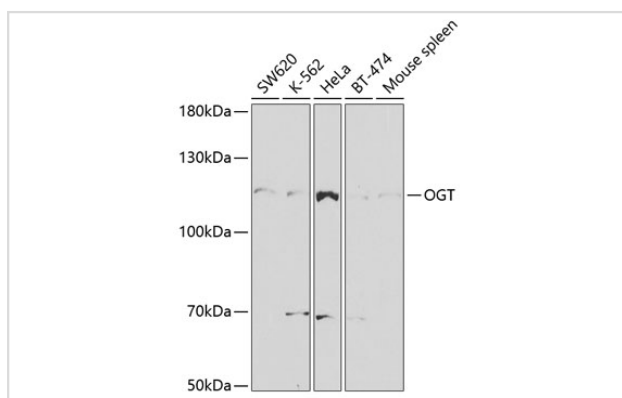
## Description

Product Name	OGT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total OGT protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human OGT (NP_858059.1).
Target Name	OGT
Other Names	OGT;HINCUT-1;HRNT1;O-GLCNAC;MRX106;OGT1
Accession No.	Uniprot:O15294GeneID:8473
Uniprot	O15294
GeneID	8473
SDS-PAGE MW	117kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using OGT antibody.

## 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.

---

Note: This product is for in vitro research use only