OGT Antibody

Catalog No: #43015

Orders: order@signalwayantibody.com
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Description

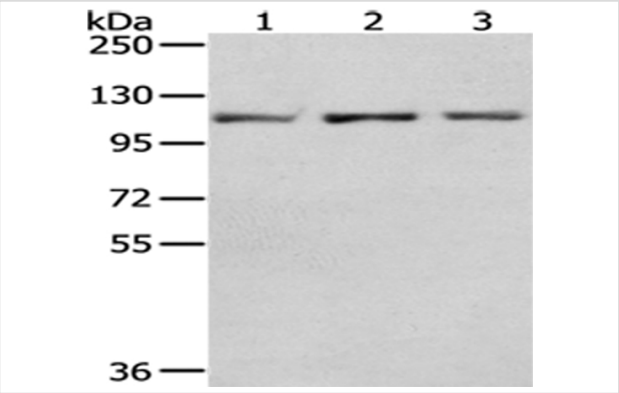
Product Name	OGT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total OGT protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human OGT
Target Name	OGT
Other Names	HRNT1; O-GLCNAC
Accession No.	Swiss-Prot#: O15294Gene ID: 8473
Uniprot	O15294
GeneID	8473;
Calculated MW	117kd
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane 1-3: A549, hela and 293T cell
Primary antibody: 1/400 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds

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