O-GlcNAc transferase antibody

Catalog No: #22476

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	O-GlcNAc transferase antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 213 and 462 of O-GlcNAc transferase
Target Name	O-GlcNAc transferase
Accession No.	Swiss-Prot:O15294Gene ID:8473
Uniprot	O15294
GeneID	8473;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

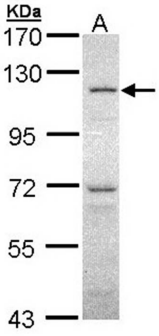
Predicted MW: 116kd

Western blotting: 1:500-1:3000

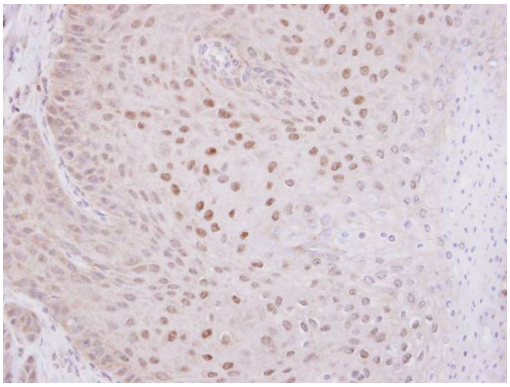
Immunohistochemistry: 1:100-1:250

Immunofluorescence: 1:100-1:200

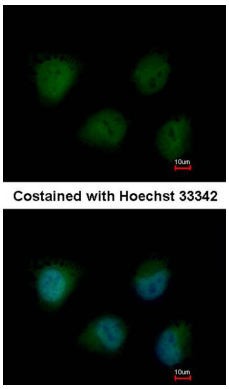
Images



Sample (30 ug of whole cell lysate)
A: HeLa
7.5% SDS PAGE
Primary antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Cal27 Xenograft, using O-GlcNAc transferase antibody at 1: 100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using O-GlcNAc transferase antibody at 1: 200 dilution.

Background

O-linked N-acetylglucosamine (O-GlcNAc) transferase (OGT) 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 nine tetratricopeptide repeats and a putative bipartite nuclear localization signal. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Note: This product is for in vitro research use only