BT LAB
Bioassay Technology Laboratory

Optimize Your Research

OGT Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01302
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human OGT Polyclonal
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit
Synonyms	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit; EC 2.4.1.255; O-GlcNAc transferase subunit p110; O-linked N-acetylglucosamine transferase 110 kDa subunit;OGT); UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit; EC 2.4.1.255; O-GlcNAc transferase subunit p110; O-linked N-acetylglucosamine transferase 110 kDa subunit; OGT

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

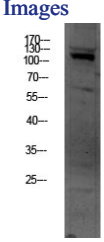
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of HEPG2 lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

Storage

-20°C for 1 year

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