

OGT antibody

Product Information

Catalog No.:	FNab05981
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)
Synonyms:	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit O-GlcNAc transferase subunit p110 O-linked N-acetylglucosamine transferase 110 kDa subunit (OGT) OGT
Observed MW:	117 kDa
Uniprot ID :	O15294

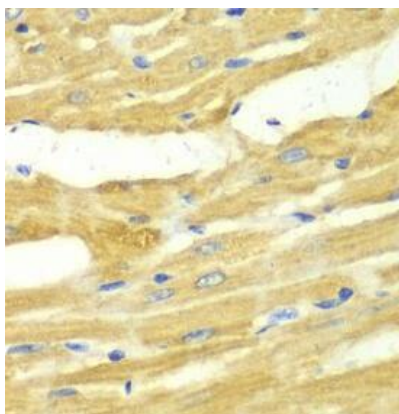
Application

Reactivity:	Human, Mouse, Rat
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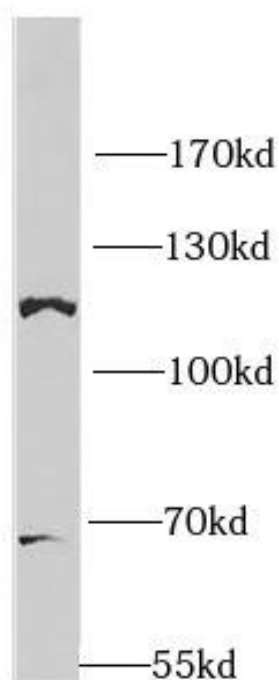
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat heart using FNab05981(OGT Antibody) at dilution of 1:100



human brain tissue were subjected to SDS PAGE followed by western blot with FNab05981(OGT antibody) at dilution of 1:1000