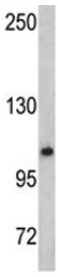
OGT Antibody (F49797)

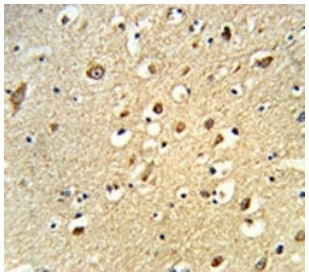
Catalog No.	Formulation	Size
F49797-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49797-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Rat, Pig, Rabbit
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O15294
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100
Limitations	This OGT antibody is available for research use only.



Western blot analysis of OGT antibody and mouse bladder tissue lysate.
Expected/observed molecular weight: 110-117 kDa.



IHC analysis of FFPE human brain tissue stained with OGT antibody

Description

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.

Application Notes

Titration of the OGT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1017-1046 from the human protein was used as the immunogen for this OGT antibody.

Storage

Aliquot the OGT antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.