

Product datasheet for TA327225

OGT Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human OGT
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	117 kDa
Gene Name:	O-linked N-acetylglucosamine (GlcNAc) transferase
Database Link:	NP_858058 Entrez Gene 26295 Rat Entrez Gene 108155 Mouse Entrez Gene 8473 Human O15294
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.
Synonyms:	HRNT1; O-GLCNAC

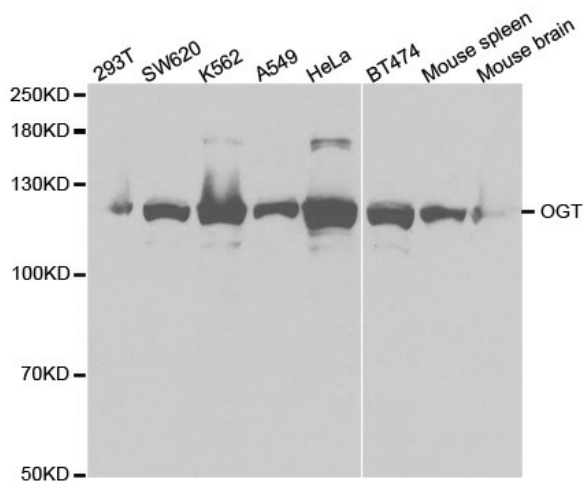


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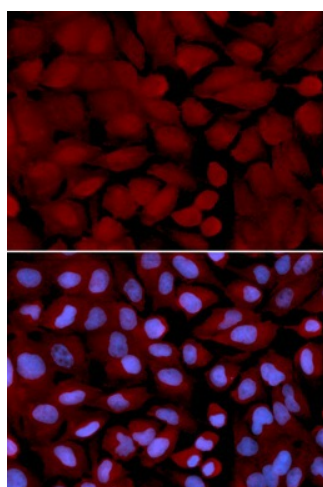
Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, O-Glycan biosynthesis

Product images:



Western blot analysis of extracts of various cell lines, using OGT antibody.



Immunofluorescence analysis of U2OS cell using OGT antibody. Blue: DAPI for nuclear staining.