

Product datasheet for **AP17608PU-N**

OGT (C-term) Rabbit Polyclonal Antibody

Product data:

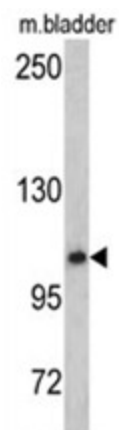
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide selected from the C-terminal region of human OGT
Specificity:	This antibody reacts to OGT.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Liquid purified Ig
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	O-linked N-acetylglucosamine (GlcNAc) transferase
Database Link:	Entrez Gene 108155 Mouse Entrez Gene 8473 Human O15294
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.
Synonyms:	O-GlcNAc transferase subunit p110
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, O-Glycan biosynthesis

Product images:



Western blot analysis of OGT antibody (C-term) in mouse bladder tissue lysates (35ug/lane). OGT (arrow) was detected using the purified Pab.