

OGT (13C12) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00919

Product information

产品货号	HZ-YMA00919
别名	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit; O-GlcNAc transferase subunit p110; O-linked N-acetylglucosamine transferase 110 kDa subunit; OGT;
产品名称	OGT (13C12) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	OGT
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, ELISA
反应种属	Human, Mouse, Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA
Human Gene ID	8473
Human Swissprot No.	O15294
稀释度	IHC-P 1:200-1:1000, WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	117kDa
预测分子量	117kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months (Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG, Kappa
背景介绍	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. [provided by RefSeq, Oct 2009],
细胞定位	Nucleus . Cytoplasm . Predominantly localizes to the nucleus. .; [Isoform 2]: Mitochondrion . Membrane . Associates with the mitochondrial inner membrane. .; [Isoform 3]: Cytoplasm . Nucleus . Cell membrane . Mitochondrion membrane . Cell projection . Mostly in the nucleus. Retained in the nucleus via interaction with HCFC1 (PubMed:21285374). After insulin induction, translocated from the nucleus to the cell membrane via phosphatidylinositol binding. Colocalizes with AKT1 at the plasma membrane. TRAK1 recruits this protein to mitochondria. In the absence of TRAK1, localizes in cytosol and nucleus (By similarity). .; [Isoform 4]: Cytoplasm. Nucleus.
纯化	Protein A
Clonality	Monoclonal