

Product datasheet

Anti-OGT / O-Linked N-Acetylglucosamine Transferase antibody ab50270

3 References 1 图像

概述

产品名称	Anti-OGT / O-Linked N-Acetylglucosamine Transferase抗体
描述	兔多克隆抗体to OGT / O-Linked N-Acetylglucosamine Transferase
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Pig 
免疫原	Synthetic peptide: WEHYAAGNKPDHMI conjugated to KLH by an N-terminal Cysteine residue linker, corresponding to amino acids 1024-1037 of Human O-Linked N-Acetylglucosamine Run BLAST with Run BLAST with
阳性对照	HeLa cell nuclear extract and A549 human lung carcinoma cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 15mM Sodium Azide Constituents: 0.01M PBS, pH 7.4
纯度	IgG fraction
纯化说明	Whole antiserum is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum that is essentially free of other rabbit serum proteins.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab50270** in the following tested applications.

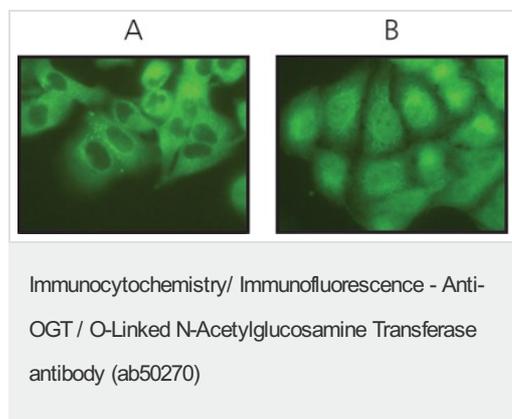
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/1000 - 1/2000. Detects a band of approximately 110 kDa (predicted molecular weight: 117 kDa).
ICC/IF		1/50 - 1/100. (Cells fixed with paraformaldehyde/triton).

靶标

功能	Addition of nucleotide-activated sugars directly onto the polypeptide through O-glycosidic linkage with the hydroxyl of serine or threonine. Mediates the O-glycosylation of MLL5 and HCFC1. Promotes proteolytic maturation of HCFC1.
组织特异性	Highly expressed in pancreas and to a lesser extent in skeletal muscle, heart, brain and placenta. Present in trace amounts in lung and liver.
通路	Protein modification; protein glycosylation.
序列相似性	Belongs to the O-GlcNAc transferase family. Contains 13 TPR repeats.
结构域	The TPR repeat domain mediates recognition of protein substrates.
翻译后修饰	Ubiquitinated, leading to its proteasomal degradation.
细胞定位	Cytoplasm. Nucleus. Mostly in the nucleus.

图片



Cytoplasmic, and nuclear localization of O-Linked N-Acetylglucosamine in human lung carcinoma (A549) cells stained by ab50270. A. Working dilution of 1:100 B. Working dilution of 1:50

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