


Anti-OGT / O-Linked N-Acetylglucosamine Transferase antibody ab59135

3 References **1 图像**

概述

产品名称	Anti-OGT / O-Linked N-Acetylglucosamine Transferase抗体
描述	山羊多克隆抗体to OGT / O-Linked N-Acetylglucosamine Transferase
宿主	Goat
特异性	ab59135 is expected to recognize both reported isoforms of O-Linked N-Acetylglucosamine
经测试应用	适用于: WB
种属反应性	与反应: Rat 预测可用于: Mouse, Cow, Dog, Pig, Xenopus laevis, Zebrafish 
免疫原	Synthetic peptide: C-YEHPKDLKLSGGR by a Cysteine residue linker, corresponding to amino acids 543-555 of Human O-Linked N-Acetylglucosamine

 [Run BLAST with](#)

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常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

克隆
同种型

多克隆
IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab59135于以下的经测试应用

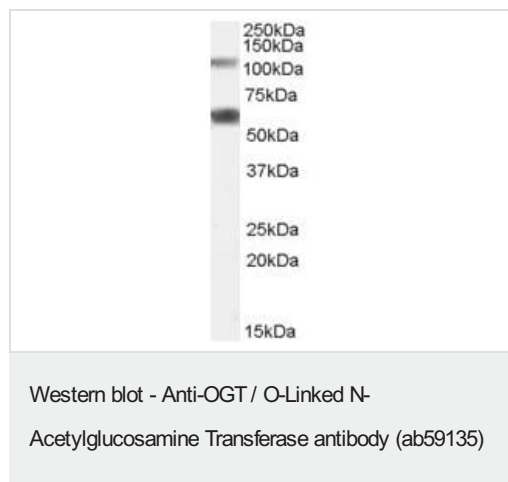
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.05 - 0.2 µg/ml. Detects a band of approximately 110 kDa. A 1 hour primary incubation is recommended for this product.

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



Anti-OGT / O-Linked N-Acetylglucosamine Transferase antibody (ab59135) at 0.05 µg/ml + Rat pancreas lysate in RIPA buffer at 35 µg

Observed band size: 110 kDa

Additional bands at: 60 kDa. We are unsure as to the identity of these extra bands.

An additional band of unknown identity was also consistently observed at 60kDa. This band was successfully blocked by

incubation with the immunizing peptide. Primary incubation was 1 hour. Detected by chemiluminescence.

Preliminary testing was unsuccessful on Mouse Brain for this particular batch.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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