abcam

Product datasheet

Anti-GALNT7 antibody ab97645

3 References   1 图像

概述

产品名称	Anti-GALNT7抗体
描述	兔多克隆抗体to GALNT7
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human
	预测可用于: Mouse, Rat ⚠
免疫原	Recombinant fragment containing a sequence corresponding to a region within amino acids 24-485 of Human GALNT7 (NP_059119).
阳性对照	A431 whole cell lysate; 293T, H1299, HeLaS3, HepG2, Molt-4 and Raji cell lysates
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

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性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee   **Abpromise™承诺保证使用ab97645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		1/500 - 1/3000. Predicted molecular weight: 75 kDa.

靶标

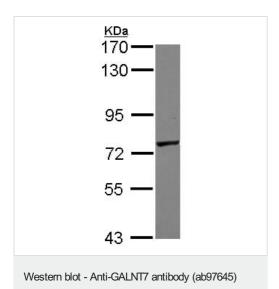|	
功能	Glycopeptide transferase involved in O-linked oligosaccharide biosynthesis, which catalyzes the transfer of an N-acetyl-D-galactosamine residue to an already glycosylated peptide. In contrast to other proteins of the family, it does not act as a peptide transferase that transfers GalNAc onto serine or threonine residue on the protein receptor, but instead requires the prior addition of a GalNAc on a peptide before adding additional GalNAc moieties. Some peptide transferase activity is however not excluded, considering that its appropriate peptide substrate may remain unidentified.
组织特异性	Widely expressed. Expressed in uterus, retina, kidney, small intestine, omentum, stomach and CNS.
通路	Protein modification; protein glycosylation.
序列相似性	Belongs to the glycosyltransferase 2 family. GalNAc-T subfamily. Contains 1 ricin B-type lectin domain.
结构域	There are two conserved domains in the glycosyltransferase region: the N-terminal domain (domain A, also called GT1 motif), which is probably involved in manganese coordination and substrate binding and the C-terminal domain (domain B, also called Gal/GalNAc-T motif), which is probably involved in catalytic reaction and UDP-Gal binding. The ricin B-type lectin domain binds to GalNAc and contributes to the glycopeptide specificity.
细胞定位	Golgi apparatus membrane.

图片

Anti-GALNT7 antibody (ab97645) at 1/10000 dilution + A431 whole cell lysate at 30 µg

Predicted band size: 75 kDa

7.5% SDS-PAGE

Western blot - Anti-GALNT7 antibody (ab97645)

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

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- Response to your inquiry within 24 hours

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