

Product datasheet

Anti-GALNT11 antibody ab110861

1 图像

概述

产品名称	Anti-GALNT11抗体
描述	兔多克隆抗体to GALNT11
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Rat 预测可用于: Mouse, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog
免疫原	Synthetic peptide corresponding to a region within N-terminal amino acids 98-147 (LGMIFNERDQ ELRDLGYQKH AFNMLISNRL GYHRDVPDTR NAECRRKSYP) of Rat GALNT11 (NP_955425). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Rat heart lysate.

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	Constituents: PBS, 2% Sucrose
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab110861** in the following tested applications.

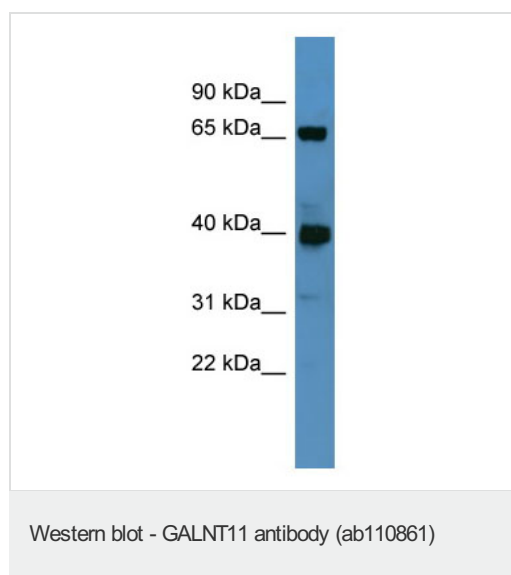
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 69 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能	Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. Displays the same enzyme activity toward Muc1, Muc4.1, and EA2 than GALNT1. Does not appear to be involved in glycosylation of erythropoietin.
组织特异性	Highly expressed in kidney. Expressed at intermediate level in brain, heart and skeletal muscle. Weakly expressed other tissues. In kidney, it is strongly expressed in tubules but not expressed in glomeruli.
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-GALNT11 antibody (ab110861) at 1 $\mu\text{g/ml}$ + Rat heart lysate at 10 μg

Predicted band size: 69 kDa

Gel concentration: 12%.

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