

Anti-GALNT8 antibody ab121374

画像数 6

製品の概要

製品名	Anti-GALNT8 antibody
製品の詳細	Rabbit polyclonal to GALNT8
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, IHC-P, WB
種交差性	交差種: Human
免疫原	Recombinant fragment corresponding to Human GALNT8 aa 502-629. Database link: Q9NY28
ポジティブ・コントロール	WB: RT4 and U251 MG cell lysates. ICC: U-2 OS cells. IHC-P: Human testis, rectum and cerebellum tissues.
特記事項	<p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab121374の使用に適用されます

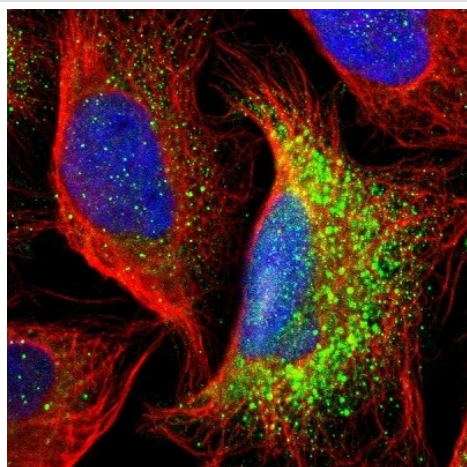
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 0.25 - 2 µg/ml.
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 0.04 - 0.4 µg/ml.

ターゲット情報

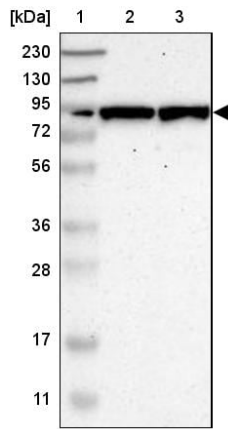
機能	Probably catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor.
組織特異性	Widely expressed. Expressed in heart, skeletal muscle, kidney, liver, small intestine and placenta. Weakly expressed in colon, thymus, spleen, lung and leukocyte.
パスウェイ	Protein modification; protein glycosylation.
配列類似性	Belongs to the glycosyltransferase 2 family. GalNAc-T subfamily. Contains 1 ricin B-type lectin domain.
ドメイン	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.
細胞内局在	Golgi apparatus membrane.

画像



Immunofluorescent staining of human cell line U-2 OS shows positivity in vesicles. Antibody staining is shown in green.

Immunocytochemistry/ Immunofluorescence - Anti-GALNT8 antibody (ab121374)



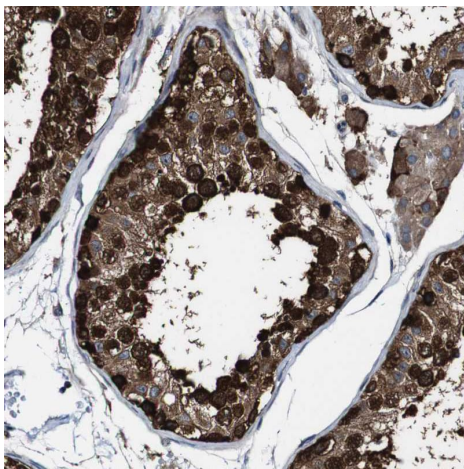
Western blot - Anti-GALNT8 antibody (ab121374)

All lanes : Anti-GALNT8 antibody (ab121374) at 1/250 dilution

Lane 1 : RT4 lysate

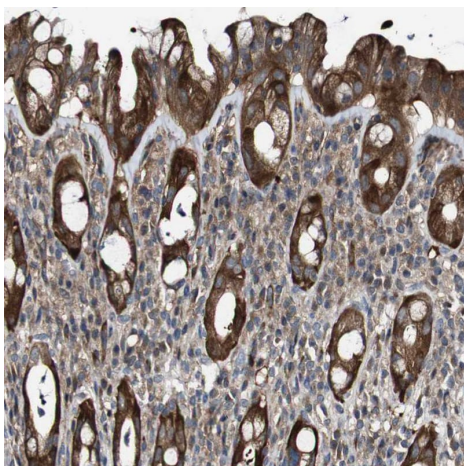
Lane 2 : U251 MG lysate

Developed using the ECL technique.



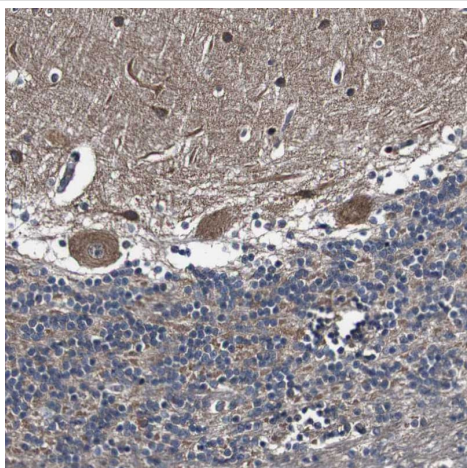
Immunohistochemical analysis of human testis tissue labeling GALNT8 with ab121374 at 1/1000 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GALNT8 antibody (ab121374)



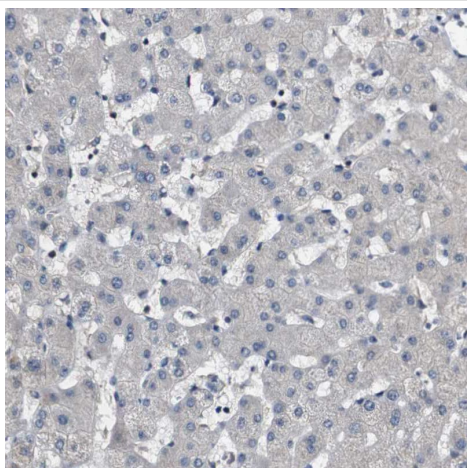
Immunohistochemical analysis of human rectum tissue labeling GALNT8 with ab121374 at 1/1000 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GALNT8 antibody (ab121374)



Immunohistochemical analysis of human cerebellum tissue labeling GALNT8 with ab121374 at 1/1000 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GALNT8 antibody (ab121374)



Immunohistochemical analysis of human liver tissue labeling GALNT8 with ab121374 at 1/1000 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GALNT8 antibody (ab121374)

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