

Product datasheet

Anti-GALNT10 antibody ab106445

画像数 3

製品の概要

製品名	Anti-GALNT10 antibody
製品の詳細	Rabbit polyclonal to GALNT10
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to 16 amino acids near the N terminal of Human GALNT10 (NP_938080).
ポジティブ・コントロール	Rat brain tissue lysate; Human brain tissue.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium azide Constituent: 99% PBS
精製度	Immunogen affinity purified
特記事項 (精製)	ab106445 was purified by affinity chromatography via a peptide column.
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

Our [Abpromise guarantee](#) covers the use of **ab106445** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 69 kDa.

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.

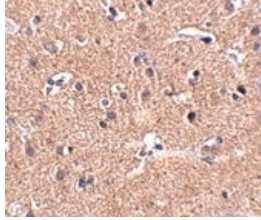
ターゲット情報

機能	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. Has activity toward Muc5Ac and EA2 peptide substrates.
組織特異性	Widely expressed. Expressed at high level in small intestine, and at intermediate levels in stomach, pancreas, ovary, thyroid gland and spleen. Weakly expressed in other tissues.
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

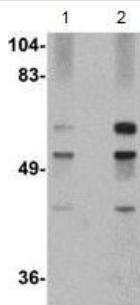


Immunofluorescence of GALNT10 in Human brain tissue with ab106445 at 20 ug/mL.



Immunohistochemistry of GALNT10 in Human brain tissue with [ab106455](#) at 2.5 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GALNT10 antibody (ab106445)



Lane 1 : Anti-GALNT10 antibody (ab106445) at 1 µg/ml

Lane 2 : Anti-GALNT10 antibody (ab106445) at 2 µg/ml

All lanes : Rat brain tissue lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 69 kDa

Western blot - Anti-GALNT10 antibody (ab106445)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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