

## 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  |
| アプリケーション     | <b>適用あり:</b> ICC/IF, WB, IHC-P  |
| 種交差性         | <b>交差種:</b> 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<br>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. |

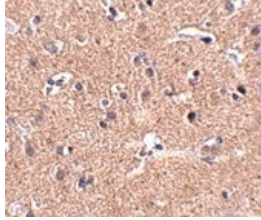
## ターゲット情報

|       |   |
|-------|---|
| 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.<br>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.<br>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

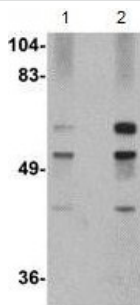


Immunofluorescence of GALNT10 in Human brain tissue with ab106445 at 20 ug/mL.



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

**Lane 1** : Rat brain tissue lysate

**Lane 2** : Rat brain tissue lysate

Western blot - Anti-GALNT10 antibody (ab106445)

Lysates/proteins at 15 µg per lane.

**Predicted band size** : 69 kDa

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

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