Datasheet for ABIN2784100

# anti-GALNT13 antibody (N-Term)

1 Image

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## Overview

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| Quantity: | 100 µL |
| Target: | GALNT13 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Mouse, Rabbit, Cow, Dog, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GALNT13 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human GALNT13 |
| Sequence: | CNKCDDKKER SLLPALRAVI SRNQEGPGEM GKAVLIPKDD QEKMKELFKI |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against GALNT13. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

## Target Details

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|---|---|
| Target: | GALNT13 |

## Target Details

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| Alternative Name: | GALNT13 (GALNT13 Products) |
| Background: | The GALNT13 protein is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAcT, EC 2.4.1.41) family, which initiate O-linked glycosylation of mucins by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.The GALNT13 protein is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAcT, EC 2.4.1.41) family, which initiate O-linked glycosylation of mucins (see MUC3A, MIM 158371) by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.[supplied by OMIM].<br>Alias Symbols: FLJ16031, FLJ41157, GalNAc-T13, H_NH0187G20.1, KIAA1918, MGC119459, MGC119461, WUGSC:H_NH0187G20.1<br>Protein Interaction Partner: EXOSC2, SKIV2L, COPS5,<br>Protein Size: 556 |
| Molecular Weight: | 64 kDa |
| Gene ID: | 114805 |
| NCBI Accession: | NM_052917, NP_443149 |
| UniProt: | Q8IUC8 |

## Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 556 AA |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Handling

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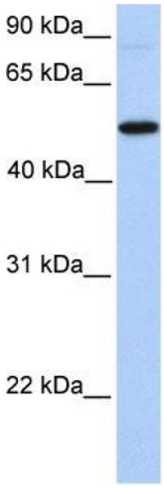
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

## Images




**Western Blotting**

**Image 1.** WB Suggested Anti-GALNT13 Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate