

Datasheet for ABIN2783542
anti-GALNT9 antibody (C-Term)



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1 Image

Overview

| | |
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| Quantity: | 100 µL |
| Target: | GALNT9 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Guinea Pig, Cow, Dog, Rabbit, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GALNT9 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the C-terminal region of Human GALNT9 |
| Sequence: | DFGDVSERLA LRQLKCRSF KWYLENVYPE MRVYNNTLTLY GEVRNSKASA |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%, Zebrafish: 93% |
| Characteristics: | This is a rabbit polyclonal antibody against GALNT9. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

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| Target: | GALNT9 |
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Target Details

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| Alternative Name: | GALNT9 (GALNT9 Products) |
| Background: | <p>This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. This gene is expressed specifically in the brain, with highest expression in the cerebellum. Multiple transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: GALNAC-T9</p> <p>Protein Size: 603</p> |
| Molecular Weight: | 66 kDa |
| Gene ID: | 50614 |
| NCBI Accession: | NM_001122636 , NP_001116108 |
| UniProt: | J3KNN1 |

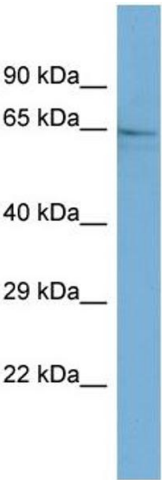
Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| 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 Advice: | Avoid repeat 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.



Western Blotting

Image 1. Host: Rabbit Target Name: GALNT9 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml