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# GLT8D4 Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19586b

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | A0PJZ3 |
| **Other Accession** | NP_001073862.1 |
| **Reactivity** | Human |
| **Predicted** | Mouse, Rat, Bovine, Canine, Rabbit |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB36629 |
| **Calculated MW** | 51056 |
| **Antigen Region** | 404-432 |

## Additional Information

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| **Gene ID** | 727936 |
| **Other Names** | Glucoside xylosyltransferase 2, 242n2, Glycosyltransferase 8 domain-containing protein 4, GXYLT2, GLT8D4 |
| **Target/Specificity** | This GLT8D4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 404-432 amino acids from the C-terminal region of human GLT8D4. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | GLT8D4 Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | GXYLT2 |
| **Synonyms** | GLT8D4 |

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| **Function** | Glycosyltransferase which elongates the O-linked glucose attached to EGF-like repeats in the extracellular domain of Notch proteins by catalyzing the addition of xylose. |
| **Cellular Location** | Membrane; Single-pass type II membrane protein |

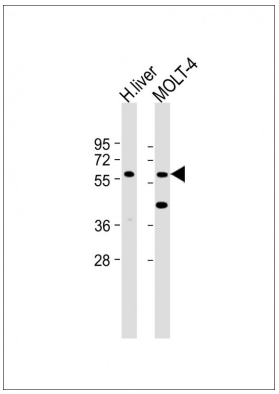
## Background

GXYLT2 is a xylosyltransferase (EC 2.4.2.-) that adds the first xylose to O-glucose-modified residues in the epidermal growth factor (EGF; MIM 131530) repeats of proteins such as NOTCH1 (MIM 190198) (Sethi et al., 2010 [PubMed 19940119]).

## References

Sethi, M.K., et al. J. Biol. Chem. 285(3):1582-1586(2010)

## Images




All lanes : Anti-GLT8D4 Antibody (C-term) at 1:2000 dilution Lane 1: Human liver lysate Lane 2: MOLT-4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.