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# B4GALT7 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21279a

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | Q9UBV7 |
| **Reactivity** | Human, Rat, Mouse |
| **Predicted** | Canine |
| **Host** | Rabbit |
| **Clonality** | polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB51981 |
| **Calculated MW** | 37406 |

## Additional Information

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| **Gene ID** | 11285 |
| **Other Names** | Beta-1, 4-galactosyltransferase 7, Beta-1, 4-GalTase 7, Beta4Gal-T7, b4Gal-T7, 241-, UDP-Gal:beta-GlcNAc beta-1, 4-galactosyltransferase 7, UDP-galactose:beta-N-acetylglucosamine beta-1, 4-galactosyltransferase 7, Xylosylprotein 4-beta-galactosyltransferase, Proteoglycan UDP-galactose:beta-xylose beta1, 4-galactosyltransferase I, UDP-galactose:beta-xylose beta-1, 4-galactosyltransferase, XGPT, XGalT-1, Xylosylprotein beta-1, 4-galactosyltransferase, B4GALT7, XGALT1 |
| **Target/Specificity** | This B4GALT7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 59-93 amino acids from the N-terminal region of human B4GALT7. |
| **Dilution** | WB~~1:2000 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** | B4GALT7 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | B4GALT7 |

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| **Synonyms** | XGALT1 |
| **Function** | Required for the biosynthesis of the tetrasaccharide linkage region of proteoglycans, especially for small proteoglycans in skin fibroblasts. |
| **Cellular Location** | Golgi apparatus, Golgi stack membrane; Single- pass type II membrane protein. Note=Cis cisternae of Golgi stack |
| **Tissue Location** | High expression in heart, pancreas and liver, medium in placenta and kidney, low in brain, skeletal muscle and lung |

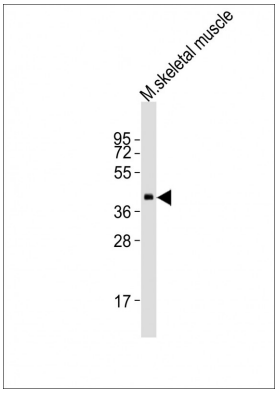
## Background

Required for the biosynthesis of the tetrasaccharide linkage region of proteoglycans, especially for small proteoglycans in skin fibroblasts.

## References


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Lo N.-W.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.
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## Images




Anti-B4GALT7 Antibody (N-term)at 1:2000 dilution + mouse skeletal muscle lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 37 kDa Blocking/Dilution buffer: 5% NFDM/TBST.


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