

B4GALT7 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21279a**Specification**

B4GALT7 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9UBV7
Reactivity	Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	37406

B4GALT7 Antibody (N-term) - Additional Information**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

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.

B4GALT7 Antibody (N-term) - Protein Information**Name** B4GALT7

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

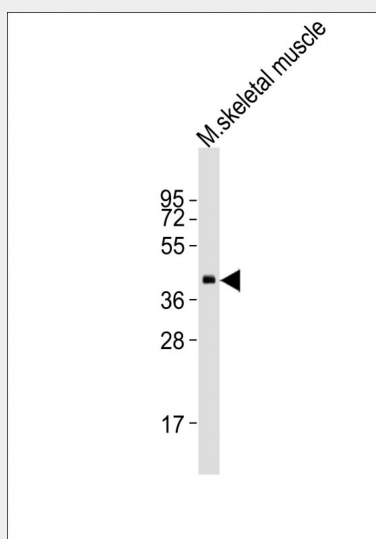
Tissue Location

High expression in heart, pancreas and liver, medium in placenta and kidney, low in brain, skeletal muscle and lung

B4GALT7 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

B4GALT7 Antibody (N-term) - 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.

B4GALT7 Antibody (N-term) - Background

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

B4GALT7 Antibody (N-term) - References

Almeida R.,et al.J. Biol. Chem. 274:26165-26171(1999).
Okajima T.,et al.J. Biol. Chem. 274:22915-22918(1999).
Lo N.-W.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).