

B4GALT7 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21133a

Specification

B4GALT7 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9UBV7
Other Accession	Q8R087
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	37406

B4GALT7 Antibody (C-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

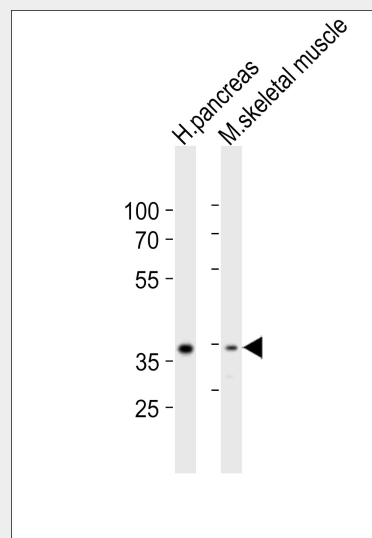
This B4GALT7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 256-290 amino acids from the C-terminal region of human B4GALT7.

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.



Western blot analysis of lysates from human pancreas, mouse skeletal muscle tissue lysate (from left to right), using B4GALT7 Antibody (C-term)(Cat. #AP21133a). AP21133a was diluted at 1:2000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

B4GALT7 Antibody (C-term) - Background

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

B4GALT7 Antibody (C-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).

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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

B4GALT7 Antibody (C-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 (C-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](#)