

**DATASHEET**

**B4GALT4 Rabbit Polyclonal Antibody**

CAT. NO. APA15144

**KEY FEATURES**

Target	B4GALT4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Galactose (Gal) transferase involved in the synthesis of terminal N-acetyllactosamine (LacNac) unit present on glycan chains of glycoproteins and glycosphingolipids transferase involved in the synthesis of terminal N-acetyllactosamine (LacNac) unit present on glycan chains of glycoproteins and glycosphingolipids . Catalyzes the transfer of Gal residue via a beta1->4 linkage from UDP-Gal to the non-reducing terminal N-acetyl glucosamine 6-O-sulfate (6-O-sulfoGlcNAc) in the linearly growing chain of both N- and O-linked keratan sulfate proteoglycans.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

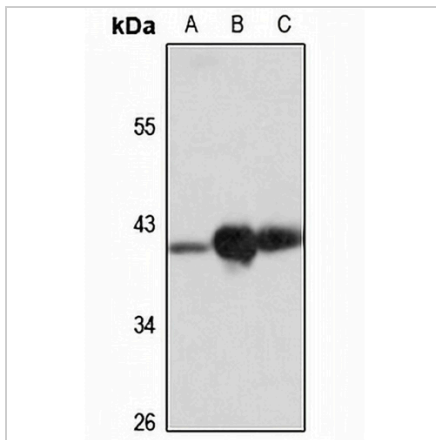
Description	Rabbit polyclonal antibody to B4GALT4
Specificity	Recognizes endogenous levels of B4GALT4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human B4GALT4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 40 kD; Observed: 40 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Beta-1 4-galactosyltransferase 4; Beta-1 4-GalTase 4; Beta4Gal-T4; b4Gal-T4; UDP-Gal:beta-GlcNAc beta-1 4-galactosyltransferase 4; UDP-galactose:beta-N-acetylglucosamine beta-1 4-galactosyltransferase 4
Gene Symbol	B4GALT4
Entrez Gene	8702(Human); 56375(Mouse); 303923(Rat)
SwissProt	O60513(Human); Q9JJ04(Mouse); Q66HH1(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of B4GALT4 expression in HT29 (A), mouse kidney (B), rat lung (C) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 40 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.