

DATASHEET

COLGALT1 Rabbit Polyclonal Antibody

CAT. NO. APA15349

KEY FEATURES

Target	COLGALT1	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

Beta-galactosyltransferase that transfers beta-galactose to hydroxylysine residues of type I collagen . By acting on collagen glycosylation, facilitates the formation of collagen triple helix . Also involved in the biosynthesis of collagen type IV .

APPLICATION

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

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

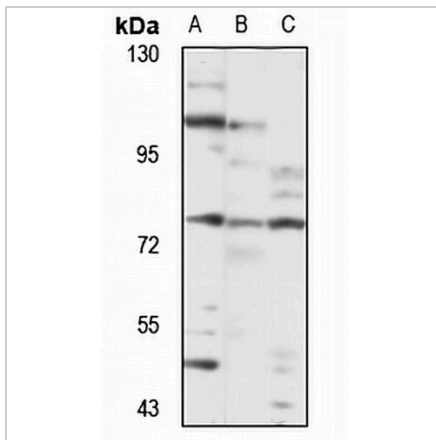
Description	Rabbit polyclonal antibody to COLGALT1
Specificity	Recognizes endogenous levels of COLGALT1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human COLGALT1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 71 kD; Observed: 71 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	GLT25D1; Procollagen galactosyltransferase 1; Collagen beta(1-O)galactosyltransferase 1; Glycosyltransferase 25 family member 1; Hydroxylysine galactosyltransferase 1
Gene Symbol	COLGALT1
Entrez Gene	79709(Human); 234407(Mouse)
SwissProt	Q8NBJ5(Human); Q8K297(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact 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 COLGALT1 expression in HepG2 (A), mouse lung (B), rat brain (C) whole cell lysates. (Predicted band size: 71 kD; Observed band size: 71 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.