

DATASHEET

Sialyltransferase 7B Rabbit Polyclonal Antibody

CAT. NO. APA16991

KEY FEATURES

Target	Sialyltransferase 7B	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

Catalyzes the transfer of N-acetylneuraminy groups onto glycan chains in glycoproteins . Conjugates sialic acid with an alpha-2-6 linkage to N-acetylgalactosamine (GalNAc) glycan chains linked to serine or threonine in glycoproteins. Sialylates alphaGalNAc- and Galbeta1->3GalNAc-O-Ser/Thr epitopes also known as Tn and T antigens.

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 Sialyltransferase 7B
Specificity	Recognizes endogenous levels of Sialyltransferase 7B protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Sialyltransferase 7B. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 41 kD; Observed: 42 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	SIAT7B; SIATL1; STHM; Alpha-N-acetylgalactosaminide alpha-2 6-sialyltransferase 2; GalNAc alpha-2 6-sialyltransferase II; ST6GalNAc II; ST6GalNAcII; SThM; Sialyltransferase 7B; SIAT7-B
Gene Symbol	ST6GALNAC2
Entrez Gene	10610(Human); 20446(Mouse)
SwissProt	Q9UJ37(Human); P70277(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.

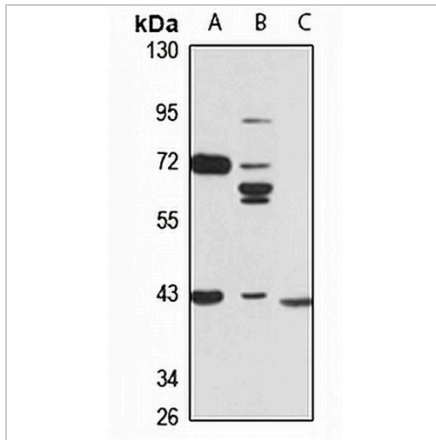
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Western blot analysis of Sialyltransferase 7B expression in K562 (A), mouse lung (B), rat kidney (C) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 42 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.