

DATASHEET

Sialyltransferase 7D Rabbit Polyclonal Antibody

CAT. NO. APA16992

KEY FEATURES

Target	Sialyltransferase 7D	Source / Host	Rabbit
Reactivity	Human, Mouse	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

Transfers the sialyl group (N-acetyl-alpha-neuraminyl or NeuAc) from CMP-NeuAc to the GalNAc residue on the NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc sequence of glycoproteins and glycolipids forming an alpha-2,6-linkage. Produces branched type disialyl structures by transfer of a sialyl group onto a GalNAc residue inside the backbone core chains. Prefers O-glycans to glycoproteins or glycolipids.

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

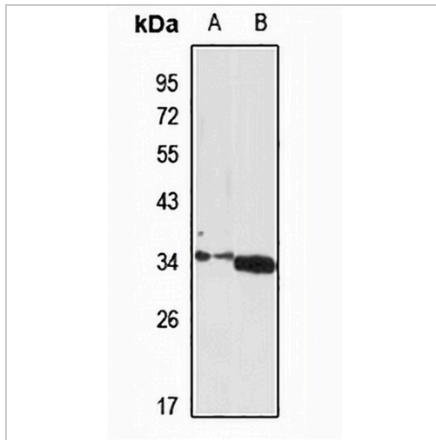
Description	Rabbit polyclonal antibody to Sialyltransferase 7D
Specificity	Recognizes endogenous levels of Sialyltransferase 7D protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Sialyltransferase 7D. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 34 kD; Observed: 34 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	SIAT3C; SIAT7D; Alpha-N-acetyl-neuraminyl-2 3-beta-galactosyl-1 3-N-acetyl-galactosaminide alpha-2 6-sialyltransferase; NeuAc-alpha-2 3-Gal-beta-1 3-GalNAc-alpha-2 6-sialyltransferase; ST6GalNAc IV; ST6GalNAcIV; Sialyltransferase 3C; SIAT3-C; Sialyltransferase 7D; SIAT7-D
Gene Symbol	ST6GALNAC4
Entrez Gene	27090(Human); 20448(Mouse)
SwissProt	Q9H4F1(Human); Q9R2B6(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 7D expression in A549 (A), mouse liver (B) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 34 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.