

DATASHEET

ST3N Rabbit Polyclonal Antibody

CAT. NO. APA08425

KEY FEATURES

Target	ST3N	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig	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 formation of the NeuAc-alpha-2,3-Gal-beta-1,4-GlcNAc-, NeuAc-alpha-2,3-Gal-beta-1,3-GlcNAc- and NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc- sequences found in terminal carbohydrate groups of glycoproteins and glycolipids. The highest activity is toward Gal-beta-1,3-GlcNAc and the lowest toward Gal-beta-1,3-GalNAc.

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

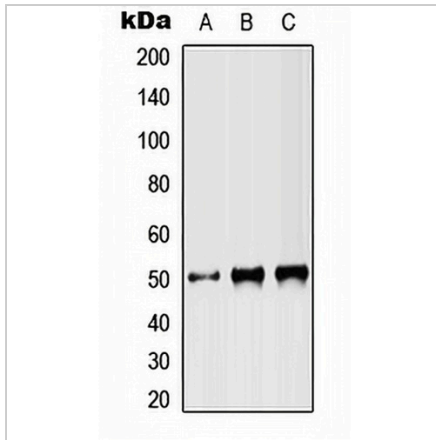
Description	Rabbit polyclonal antibody to ST3N
Specificity	Recognizes endogenous levels of ST3N protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ST3N. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 42 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	SIAT6; CMP-N-acetylneuraminase-beta-1,4-galactoside alpha-2,3-sialyltransferase; Beta-galactoside alpha-2,3-sialyltransferase 3; Alpha 2,3-ST 3; Gal beta-1,3(4) GlcNAc alpha-2,3 sialyltransferase; N-acetyllactosaminide alpha-2,3-sialyltransferase; ST3Gal III; ST3GalIII; ST3N; Sialyltransferase 6
Gene Symbol	ST3GAL3
Entrez Gene	6487(Human); 20441(Mouse); 64445(Rat)
SwissProt	Q11203(Human); P97325(Mouse); Q02734(Rat)

*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 ST3N expression in HEK293T (A), NIH3T3 (B), PC12 (C) whole cell lysates. (Predicted band size: 42 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.