

DATASHEET

SIAT8D Rabbit Polyclonal Antibody

CAT. NO. APA12984

KEY FEATURES

Target	SIAT8D	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

Catalyzes the transfer of a sialic acid from a CMP-linked sialic acid donor onto a terminal alpha-2,3-, alpha-2,6-, or alpha-2,8-linked sialic acid of an N-linked glycan protein acceptor through alpha-2,8-linkages. Therefore, participates in polysialic acid synthesis on various sialylated N-acetylglucosaminyl oligosaccharides, including NCAM1 N-glycans, FETUB N-glycans and AHSG. It is noteworthy that alpha-2,3-linked sialic acid is apparently a better acceptor than alpha-2,6-linked sialic acid.

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

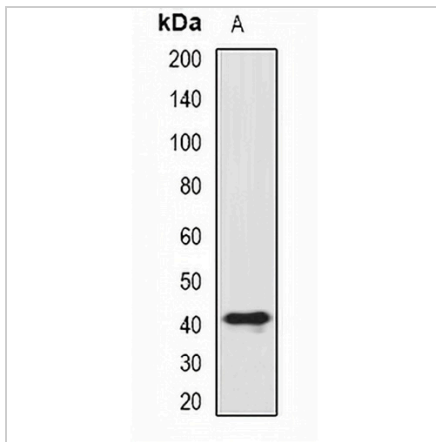
Description	Rabbit polyclonal antibody to SIAT8D
Specificity	Recognizes endogenous levels of SIAT8D protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human SIAT8D
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 19; Observed: 41 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	PST; PST1; SIAT8D; CMP-N-acetylneuraminase-poly-alpha-2,8-sialyltransferase; Alpha-2,8-sialyltransferase 8D; Polysialyltransferase-1; Sialyltransferase 8D; SIAT8-D; Sialyltransferase St8Sia IV; ST8SiaIV
Gene Symbol	ST8SIA4
Entrez Gene	7903(Human); 20452(Mouse)
SwissProt	Q92187(Human); Q64692(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 SIAT8D expression in HL60 (A) whole cell lysates. (Predicted band size: 19; 41 kD; Observed band size: 41 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.