

DATASHEET

ST3GAL5 Rabbit Polyclonal Antibody

CAT. NO. APA13192

KEY FEATURES

Target	ST3GAL5	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

Transfers the sialyl group (N-acetyl-alpha-neuraminy or NeuAc) from CMP-NeuAc to the non-reducing terminal galactose (Gal) of glycosphingolipids forming gangliosides (important molecules involved in the regulation of multiple cellular processes, including cell proliferation and differentiation, apoptosis, embryogenesis, development, and oncogenesis) from CMP-NeuAc to the non-reducing terminal galactose (Gal) of glycosphingolipids forming gangliosides (important molecules involved in the regulation of multiple cellular processes, including cell proliferation and differentiation, apoptosis, embryogenesis, development, and oncogenesis) .

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
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

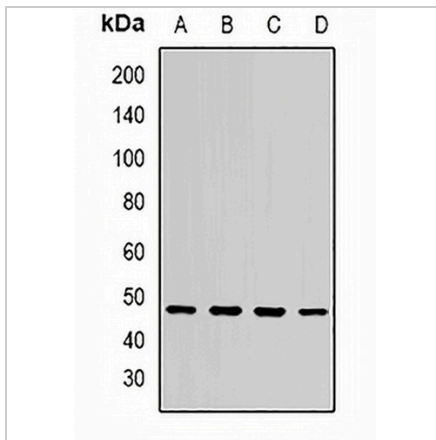
Description	Rabbit polyclonal antibody to ST3GAL5
Specificity	Recognizes endogenous levels of ST3GAL5 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ST3GAL5
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 45; Observed: 48 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	SIAT9; Lactosylceramide alpha-2,3-sialyltransferase; CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase; Ganglioside GM3 synthase; ST3Gal V; ST3GalV; Sialyltransferase 9
Gene Symbol	ST3GAL5
Entrez Gene	8869(Human)
SwissProt	Q9UNP4(Human)

*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.

DATASHEET**ST3GAL5 Rabbit Polyclonal Antibody**

CAT. NO. APA13192

DATA

Western blot analysis of ST3GAL5 expression in BT474 (A), SHSY5Y (B), mouse brain (C), rat brain (D) whole cell lysates. (Predicted band size: 45; 47 kD; Observed band size: 48 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.