

Datasheet for ABIN2855684

anti-ST3GAL5 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	ST3GAL5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ST3GAL5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to ST3GAL5 (ST3 beta-galactoside alpha-2,3-sialyltransferase 5) ST3GAL5 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ST3GAL5
Alternative Name:	ST3 beta-galactoside alpha-2,3-sialyltransferase 5 (ST3GAL5 Products)

Target Details

Background: Ganglioside GM3 is known to participate in the induction of cell differentiation, modulation of cell proliferation, maintenance of fibroblast morphology, signal transduction, and integrin-mediated cell adhesion. The protein encoded by this gene is a type II membrane protein which catalyzes the formation of GM3 using lactosylceramide as the substrate. The encoded protein is a member of glycosyltransferase family 29 and may be localized to the Golgi apparatus. Mutation in this gene has been associated with Amish infantile epilepsy syndrome. Transcript variants encoding different isoforms have been found for this gene.

Cellular Localization: Golgi apparatus membrane, Single-pass type II membrane protein

Molecular Weight: 48 kDa

Gene ID: 8869

UniProt: [Q9UNP4](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: U87-MG

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

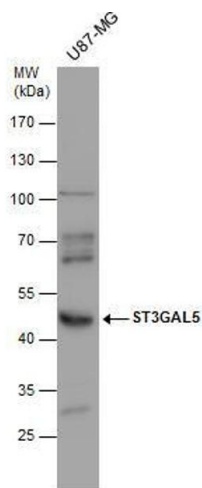
Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image ST3GAL5 antibody detects ST3GAL5 protein by western blot analysis. Whole cell extracts (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with ST3GAL5 antibody , diluted by 1:1000.