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ST3GAL5

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:48kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ST3GAL5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SATI; SIAT9; ST3GalV; SIATGM3S;

Catalog #:A7947

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:8869

Isotype: IgG

Swiss Prot:Q9UNP4

Purity: Affinity purification

For research use only.

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.

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