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Datasheet for ABIN7469030 **anti-ST6GALNAC4 antibody**

Overview

Quantity:	100 µL
Target:	ST6GALNAC4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST6GALNAC4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ST6GALNAC4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ST6GALNAC4
Alternative Name:	ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 4 (ST6GALNAC4 Products)
Background:	Synonyms: ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 4 , IV , SIAT3-C , SIAT3C , SIAT7-D , SIAT7D , ST6GALNACIV , ST6GalNAc Background: The protein encoded by this gene is a type II membrane protein that catalyzes the

Target Details

transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein prefers glycoproteins rather than glycolipids as substrates and shows restricted substrate specificity, utilizing only the trisaccharide sequence Neu5Ac- α -2,3-Gal- β -1,3-GalNAc. In addition, it is involved in the synthesis of ganglioside GD1A from GM1B. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Molecular Weight: 34 kDa

Gene ID: 27090

UniProt: [Q9H4F1](#)

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: HCT116

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.55 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 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.