

Datasheet for ABIN2856643
anti-B3GNT3 antibody

3 Images



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Overview

Quantity:	100 µL
Target:	B3GNT3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human B3GNT3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to B3GNT3 (UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3) B3GNT3 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	B3GNT3
Alternative Name:	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (B3GNT3 Products)
Background:	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This

Target Details

enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis a. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking.

Cellular Localization: Golgi apparatus membrane

Molecular Weight: 43 kDa

Gene ID: 10331

UniProt: [Q9Y2A9](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse stomach , 293T

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

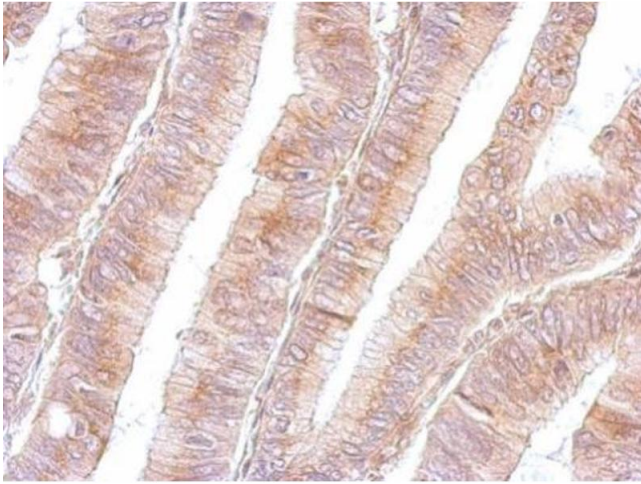
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

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

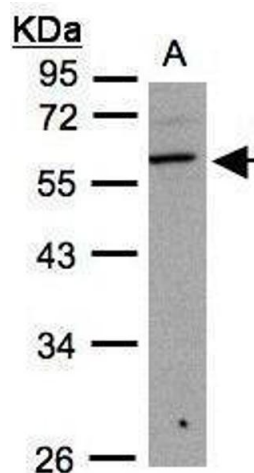
Storage: 4 °C,-20 °C

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.



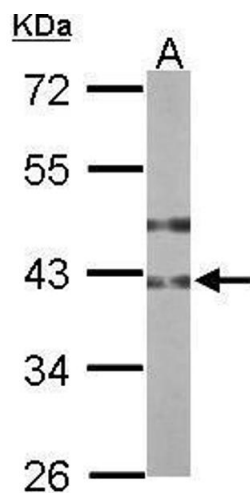
Immunohistochemistry

Image 1. IHC-P Image B3GNT3 antibody detects B3GNT3 protein at cytosol on human colon by immunohistochemical analysis. Sample: Paraffin-embedded colon. B3GNT3 antibody, dilution: 1:500.



Western Blotting

Image 2. WB Image Sample(30 ug whole cell lysate) A:293T 10% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 3. WB Image Sample (50 ug of whole cell lysate) A: mouse stomach 10% SDS PAGE antibody diluted at 1:1000