

Datasheet for ABIN7142974
anti-B3GNT6 antibody (AA 251-345)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	B3GNT6
Binding Specificity:	AA 251-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GNT6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase protein (251-345AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	B3GNT6
Alternative Name:	B3GNT6 (B3GNT6 Products)
Background:	Background: Beta-1,3-N-acetylglucosaminyltransferase that synthesizes the core 3 structure of

Target Details

the O-glycan, an important precursor in the biosynthesis of mucin-type glycoproteins. Plays an important role in the synthesis of mucin-type O-glycans in digestive organs.

Aliases: B3GNT6Acetylgalactosaminyl-O-glycosyl-glycoprotein beta-1,3-N-acetylglucosaminyltransferase antibody, EC 2.4.1.147 antibody, Core 3 synthase antibody, UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 antibody, BGnT-6 antibody, Beta-1,3-Gn-T6 antibody, Beta-1,3-N-acetylglucosaminyltransferase 6 antibody, Beta3Gn-T6 antibody

UniProt: [Q6ZMB0](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

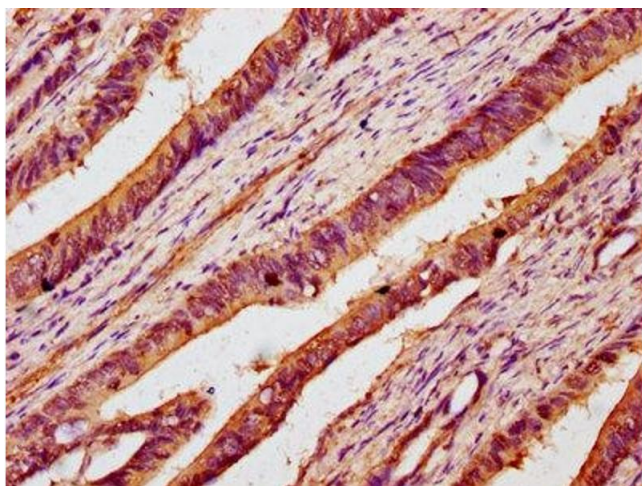
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

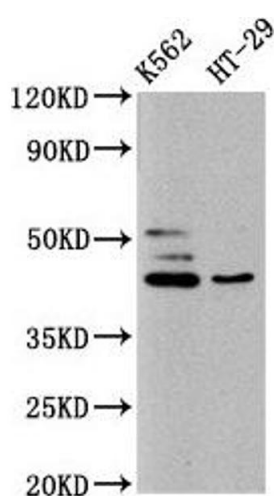
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7142974 diluted at 1:100 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: K562 whole cell lysate, HT29 whole cell lysate All lanes: B3GNT6 antibody at 10 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43, 30 kDa Observed band size: 43 kDa