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Datasheet for ABIN7163860
anti-GALNT12 antibody (AA 1-272)

2 Images

Overview

Quantity:	100 µg
Target:	GALNT12
Binding Specificity:	AA 1-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT12 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Polypeptide N-acetylgalactosaminyltransferase 12 protein (1-272AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GALNT12
Alternative Name:	GALNT12 (GALNT12 Products)
Background:	Background: Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor.

Target Details

Has activity toward non-glycosylated peptides such as Muc5AC, Muc1a and EA2, and no detectable activity with Muc2 and Muc7. Displays enzymatic activity toward the Gal-NAC-Muc5AC glycopeptide, but no detectable activity to mono-GalNac-glycosylated Muc1a, Muc2, Muc7 and EA2. May play an important role in the initial step of mucin-type oligosaccharide biosynthesis in digestive organs.

Aliases: Colorectal cancer susceptibility to 1 antibody, CRCS1 antibody, FLJ21212 antibody, GalNac T12 antibody, GalNac-T12 antibody, GalNacT12 antibody, GALNT 12 antibody, Galnt12 antibody, GLT12_HUMAN antibody, Polypeptide GalNac transferase 12 antibody, Polypeptide N acetylgalactosaminyltransferase 12 antibody, Polypeptide N-acetylgalactosaminyltransferase 12 antibody, pp GaNTase 12 antibody, pp-GaNTase 12 antibody, Protein UDP acetylgalactosaminyltransferase 12 antibody, Protein-UDP acetylgalactosaminyltransferase 12 antibody, UDP GalNac polypeptide N acetylgalactosaminyltransferase 12 antibody, UDP GalNac polypeptide N acetylgalactosaminyltransferase antibody, UDP N acetyl alpha D galactosamine polypeptide N acetylgalactosaminyltransferase 12 antibody, UDP-GalNac:polypeptide N-acetylgalactosaminyltransferase 12 antibody

UniProt: [Q8IXK2](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

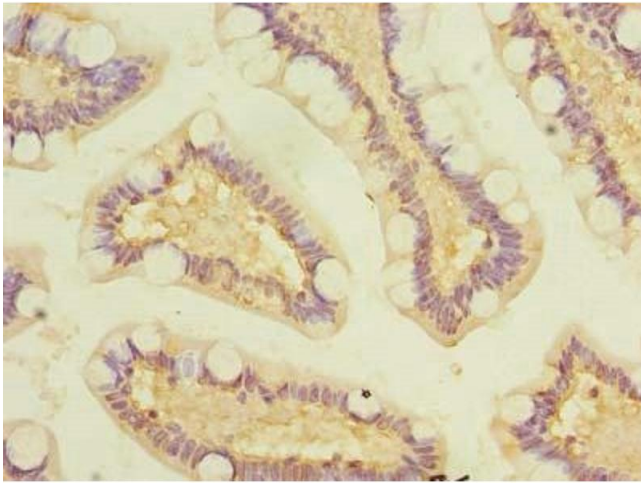
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

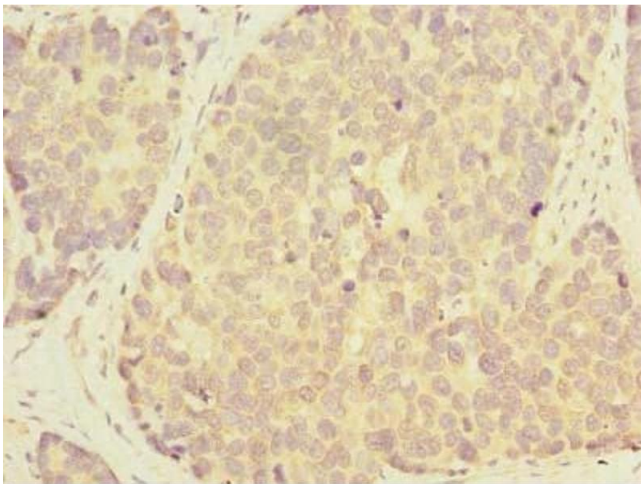
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7163860 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7163860 at dilution of 1:100