

Datasheet for ABIN7153426
anti-FUT3 antibody (AA 83-187)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	FUT3
Binding Specificity:	AA 83-187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Galactoside 3(4)-L-fucosyltransferase protein (83-187AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	FUT3
Alternative Name:	FUT3 (FUT3 Products)
Background:	Background: May catalyze alpha-1,3 and alpha-1,4 glycosidic linkages involved in the expression of Vim-2, Lewis A, Lewis B, sialyl Lewis X and Lewis X/SSEA-1 antigens. May be

Target Details

involved in blood group Lewis determination, Lewis-positive (Le(+)) individuals have an active enzyme while Lewis-negative (Le(-)) individuals have an inactive enzyme. Also acts on the corresponding 1,4-galactosyl derivative, forming 1,3-L-fucosyl links.

Aliases: Alpha-(1,3/1,4)-fucosyltransferase antibody, Blood group Lewis alpha-4-fucosyltransferase antibody, CD174 antibody, FT3B antibody, Fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, Lewis blood group) antibody, Fucosyltransferase 3 antibody, Fucosyltransferase III antibody, FucT III antibody, FucT-III antibody, FUT3 antibody, FUT3_HUMAN antibody, Galactoside 3(4)-L-fucosyltransferase antibody, LE antibody, Les antibody, Lewis FT antibody

UniProt: [P21217](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:100-1:300,

Restrictions: For Research Use only

Handling

Format: Liquid

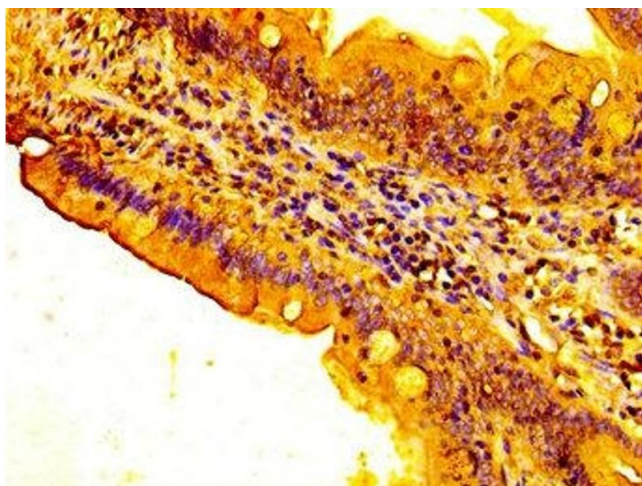
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

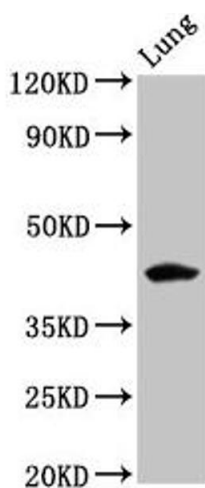
Storage: -20 °C, -80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7153426 diluted at 1:300 and staining in paraffin-embedded human small intestine tissue 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 30 min 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: Rat lung tissue All lanes: FUT3 antibody at 5.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa