Datasheet for ABIN952397

anti-FUT3 antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	0.4 mL
Target:	FUT3
Binding Specificity:	AA 294-324, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FUT3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 294~324 amino acids from the C-terminal region of human Fucosyltransferase 3 Genename: FUT3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Fucosyltransferase 3 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	FUT3
Alternative Name:	Fucosyltransferase 3 (FUT3 Products)
Background:	FUT3 comprises a set of fucosylated glycosphingolipids that are synthesized by exocrine

Target Details

	epithelial cells and circulate in body fluids. The glycosphingolipids function in embryogenesis, tissue differentiation, tumor metastasis, inflammation, and bacterial adhesion. They are secondarily absorbed to red blood cells giving rise to their Lewis phenotype. This protein is a member of the fucosyltransferase family, which catalyzes the addition of fucose to precursor polysaccharides in the last step of Lewis antigen biosynthesis. It encodes an enzyme with alpha(1,3)-fucosyltransferase and alpha(1,4)-fucosyltransferase activities.Synonyms: Blood group Lewis alpha-4-fucosyltransferase, FT3B, FUT3, FucT-III, Fucosyltransferase III, Galactoside 3(4)-L-fucosyltransferase, LE, Lewis FT
Molecular Weight:	42117 Da
Gene ID:	2525
NCBI Accession:	NP_000140

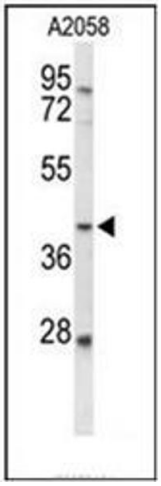
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Copyright antibodies-online. All rights reserved.



Western Blotting

Image 1. Western blot analysis of FUT3 Antibody (C-term) in A2058 cell line lysates (35ug/lane). FUT3 (arrow) was detected using the purified Pab.