

FucT-III Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03385
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human FUT3. AA range:91-140
Mol wt	42117
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	FucT-III Antibody
Synonyms	FUT3; FT3B; LE; Galactoside 3(4)-L-fucosyltransferase; Blood group Lewis alpha-4-fucosyltransferase; Lewis FT; Fucosyltransferase 3; Fucosyltransferase III; FucT-III

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The Lewis histo-blood group system comprises a set of fucosylated glycosphingolipids that are synthesized by exocrine 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 gene 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. Mutations in this gene are responsible for the majority of Lewis antigen-negative phenotypes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene.

Recommended Dilution

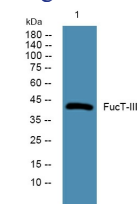
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night

Storage

-20°C for one year

