

For Research Use Only

FUT2 Polyclonal antibody

Catalog Number: 20288-1-AP



Basic Information

Catalog Number:

20288-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14047

GenBank Accession Number:

BC001899

GeneID (NCBI):

2524

UNIPROT ID:

Q10981

Full Name:

fucosyltransferase 2 (secretor status included)

Calculated MW:

343 aa, 39 kDa

Observed MW:

35-39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, Calu-3 cells

Background Information

Fucosyltransferase 2 (FUT2) is a key enzyme that catalyzes the transfer of fucose to the terminal galactose of type 1 or type 2 disaccharide via α 1,2-linkage. FUT2 gene codes for the α 1,2-fucosyltransferase responsible for the synthesis of the H antigen, which is the precursor of the ABO histo-blood group antigens in body fluids and on the intestinal mucosa (PMID: 19487333). FUT2 is highly expressed in lung adenocarcinoma (LUAD) and plays a vital role in the tumorigenesis of LUAD (PMID: 36552800). FUT2 has a calculated molecular mass of ~39 kDa, and the 70kDa band might be the glycosylated form.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

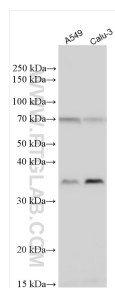
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20288-1-AP (FUT2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.