

For Research Use Only

FUT2 Polyclonal antibody

Catalog Number: 20288-1-AP



Basic Information

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| Catalog Number: 20288-1-AP | GenBank Accession Number: BC001899 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 350 µg/ml by Nanodrop; | GeneID (NCBI): 2524 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | Full Name: fucosyltransferase 2 (secretor status included) | |
| Isotype: IgG | Calculated MW: 343 aa, 39 kDa | |
| Immunogen Catalog Number: AG14047 | Observed MW: 35-39 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : A549 cells, Calu-3 cells |
| Species Specificity: human | |

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

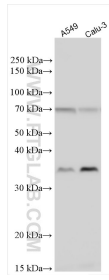
For technical support and original validation data for this product please contact:

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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.