

# FUT4 Rabbit pAb

Catalog No.: A16320 **2 Publications**

## Basic Information

### Observed MW

59kDa

### Calculated MW

59kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The product of this gene transfers fucose to N-acetylglucosamine polysaccharides to generate fucosylated carbohydrate structures. It catalyzes the synthesis of the non-sialylated antigen, Lewis x (CD15).

## Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

## Immunogen Information

### Gene ID

2526

### Swiss Prot

P22083

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 186-331 of human FUT4 (NP\_002024.1).

### Synonyms

LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV; FUT4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

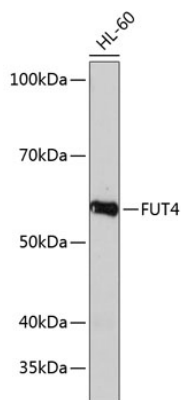
Affinity purification

### Storage

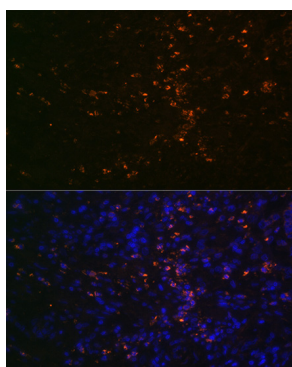
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

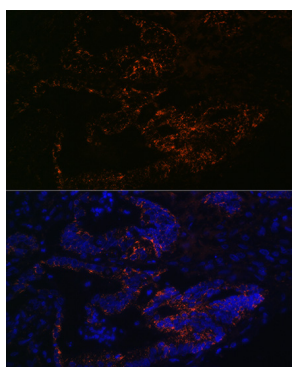
## Validation Data



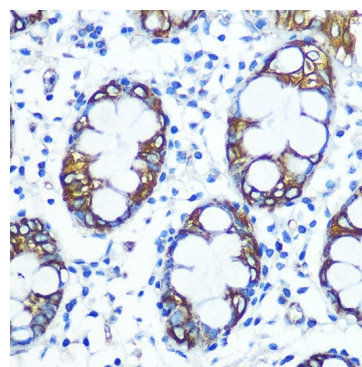
Western blot analysis of lysates from HL-60 cells, using FUT4 Rabbit pAb (A16320) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 3min.



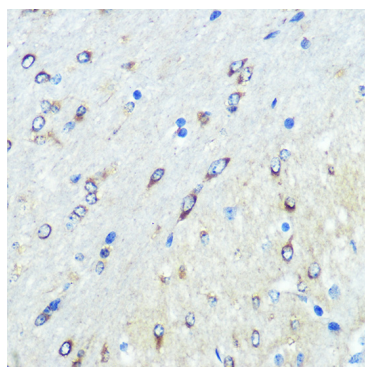
Immunofluorescence analysis of paraffin-embedded human colon carcinoma using FUT4 Rabbit pAb (A16320) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded human colon carcinoma using FUT4 Rabbit pAb (A16320) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of FUT4 in paraffin-embedded human colon using FUT4 Rabbit pAb (A16320) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of FUT4 in paraffin-embedded mouse brain using FUT4 Rabbit pAb (A16320) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.