

## FUT8 Polyclonal Antibody

Catalog number: 12560-1-AP

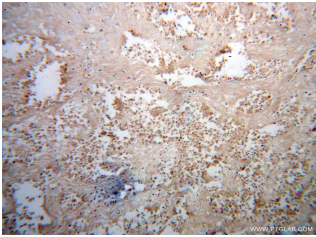
Size: 21 µg/150 µl

Source: Rabbit

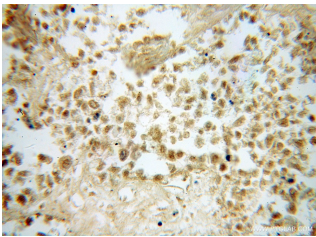
Isotype: IgG

Synonyms:

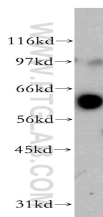
FUT8;



Immunohistochemical of paraffin-embedded human lung cancer using 12560-1-AP(FUT8 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human lung cancer using 12560-1-AP(FUT8 antibody) at dilution of 1:50 (under 40x lens)



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12560-1-AP(FUT8 antibody) at dilution of 1:500

### Background

Fucosyltransferase 8 (FUT8) is GDP-fucose-glycoprotein fucosyltransferase and is localized in Golgi apparatus. FUT8 is involved in protein glycosylation by catalyzing the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans. FUT8 may be involved in human aging by regulating protein N-glycosylation and in the molecular pathogenesis of human pulmonary emphysema (PE).

### Applications

|                          |   |
|--------------------------|---|
| Tested applications:     | ELISA, WB, IHC  |
| Cited applications:      | IHC   |
| Species specificity:     | Human, Mouse, Rat; other species not tested.          |
| Cited species:           | Human   |
| Calculated FUT8 MW:      | 66 kDaa   |
| Observed FUT8 MW:        | 60 kDa  |
| Positive WB detected in  | HEK-293 cells   |
| Positive IHC detected in | Human lung cancer tissue, human stomach cancer tissue |
| Recommended dilution:    | WB: 1:500-1:5000<br>IHC: 1:20-1:200                   |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

|                           |   |
|---------------------------|---|
| Immunogen:                | Ag3280  |
| GenBank accession number: | BC025385  |
| Gene ID (NCBI):           | 2530  |
| Full name:                | Fucosyltransferase 8 (alpha (1,6) fucosyltransferase) |

### Product information

|                      |  |
|----------------------|--|
| Purification method: | Antigen affinity purification  |
| Storage:             | PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |