

For Research Use Only

# FUT8 Polyclonal antibody

Catalog Number: 12560-1-AP

Featured Product

4 Publications



## Basic Information

**Catalog Number:**

12560-1-AP

**Size:**

800 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3280

**GenBank Accession Number:**

BC025385

**GeneID (NCBI):**

2530

**UNIPROT ID:**

Q9BYC5

**Full Name:**

fucosyltransferase 8 (alpha (1,6)  
fucosyltransferase)

**Calculated MW:**

66 kDa

**Observed MW:**

66-70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human

**Cited Species:**

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

WB: MCF-7 cells,

IHC: human lung cancer tissue, human stomach cancer tissue

## Background Information

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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Fengzhou Li	32266093	Am J Cancer Res	
Hana Shimoyama	32099910	Biochem Biophys Rep	WB,IHC
Siyao Wang	31381176	Clin Exp Pharmacol Physiol	IHC

## 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

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

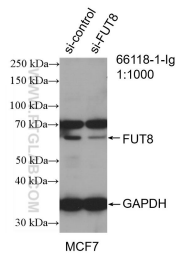
T: 4006900926

E: Proteintech-CN@ptglab.com

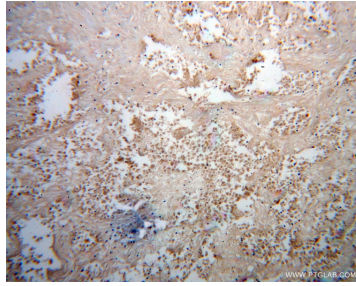
W: ptgcn.com

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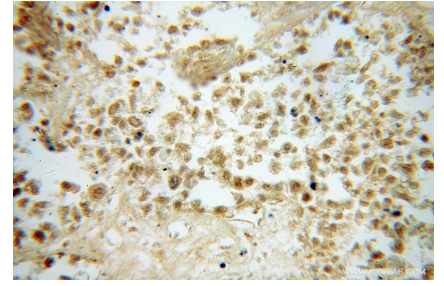
## Selected Validation Data



WB result of FUT8 antibody (12560-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FUT8 transfected MCF-7 cells.



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



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