

For Research Use Only

# FUT8 Polyclonal antibody

Catalog Number: 12560-1-AP

5 Publications



## Basic Information

Catalog Number:

12560-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

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:

IHC 1:300-1:1200

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

IHC : human stomach cancer tissue, human lung cancer tissue

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

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

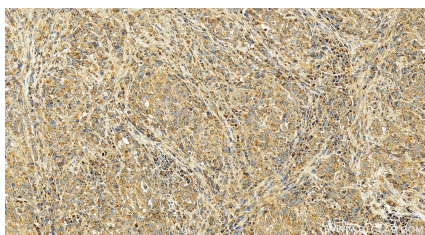
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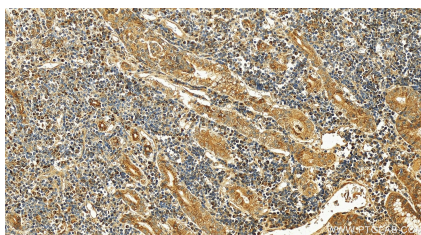
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12560-1-AP (FUT8 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12560-1-AP (FUT8 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).