

For Research Use Only

FUT8 Polyclonal antibody

Catalog Number: 12560-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 12560-1-AP	GenBank Accession Number: BC025385	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 2530	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:20-1:200
Source: Rabbit	Full Name: fucosyltransferase 8 (alpha (1,6) fucosyltransferase)	
Isotype: IgG	Calculated MW: 66 kDa	
Immunogen Catalog Number: AG3280	Observed MW: 66-70 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

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 Res	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

*** 20ul sizes contain 0.1% BSA

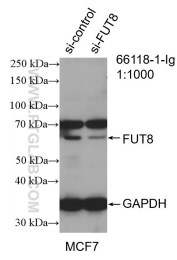
For technical support and original validation data for this product please contact:

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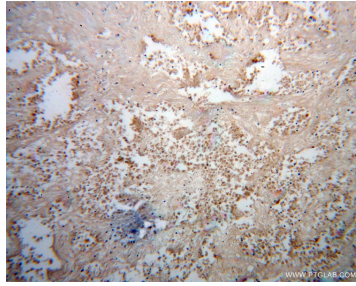
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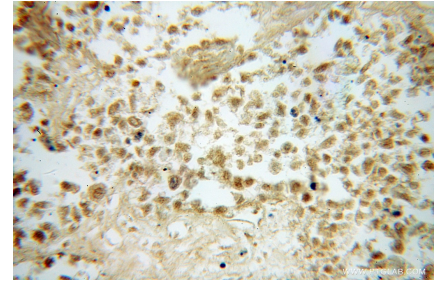
Selected Validation Data



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).