SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-FUT8 antibody

Catalog Number: SL6280R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FUT8
Immunogen:	KLH conjugated synthetic peptide derived from human FUT8: 311-410/575
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Dog,Horse,Rabbit)
Predicted MW.:	66kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	Catalyzes the addition of fucose in alpha 1-6 linkage to the first GlcNAc residue, next to the peptide chains in N-glycans.The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. There are 2 isoforms produced by alternative splicing. Immunogen is not present in isoform 2 (also known as Retinal). **Function:** Catalyzes the addition of fucose in alpha 1-6 linkage tocthe first GlcNAc residue, next to the peptide chains in N-glycans. **Subcellular Location:** Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. **Similarity:** Belongs to the glycosyltransferase 23 family. Contains 1 SH3 domain. **Database links:** **Entrez Gene:** 2530 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Entrez Gene: 53618 Mouse **Entrez Gene:** 432392 Rat Omim: 602589 Human **SwissProt:** Q9BYC5 Human **SwissProt:** Q9WTS2 Mouse **SwissProt:** Q6EV76 Rat **Unigene:** 654961 Human **Unigene:** 35628 Mouse **Unigene:** 1717 Rat

[VALIDATION IMAGES]

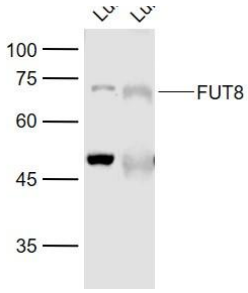


Figure 1. Sample: Lane 1: Lung (Mouse) Lysate at 40 ug Lane 2: Lung (Rat) Lysate at 40 ug Primary: Anti-FUT8 (SL6280R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 66 kD Observed band size: 70 kD

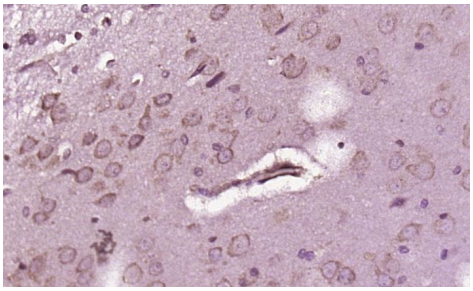


Figure 2. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FUT8) Polyclonal Antibody, Unconjugated (SL6280R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining

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