

**bs-6280R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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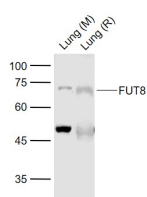
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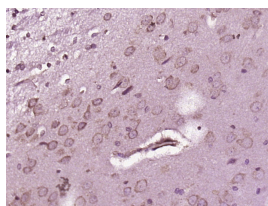
400-901-9800

**FUT8 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 2530	<b>SWISS:</b> Q9BYC5	<b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Chicken, Dog, Horse)
<b>Target:</b> FUT8		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human FUT8: 311-410/575.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 66 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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).		

**— VALIDATION IMAGES —**

Sample: Lane 1: Lung (Mouse) Lysate at 40 ug  
Lane 2: Lung (Rat) Lysate at 40 ug  
Primary: Anti-FUT8 (bs-6280R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 66 kD  
Observed band size: 70 kD



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 (bs-6280R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=2.571]** Cheng Zhang. et al. Caveolin - 1 upregulates Fut8 expression by activating the Wnt/ $\beta$ -catenin pathway to enhance HCC cell proliferative and invasive ability. Cell Biol Int. 2020 Nov;44(11):2202-2212 WB,IHC ;Mouse. 32710651