

bs-12258R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

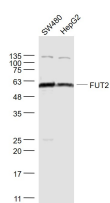
sales@bioss.com.cn

techsupport@bioss.com.cn

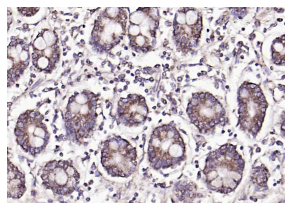
400-901-9800

FUT2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 2524	SWISS: Q10981	
Target: FUT2		
Immunogen: KLH conjugated synthetic peptide derived from Human FUT2: 231-343/343.		
Purification: affinity purified by Protein A		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Horse)
Concentration: 1mg/ml		
Storage: 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.		
Background: Creates a soluble precursor oligosaccharide FuC-alpha ((1,2)Galbeta-) called the H antigen which is an essential substrate for the final step in the soluble A and B antigen synthesis pathway. H and Se enzymes fucosylate the same acceptor substrates but exhibit different Km values. FUT2 is expressed on the surface of several human tumor cell lines such as BEL-7404, SPC-A-1, and SGC-7901.		
		Predicted MW.: 39 kDa
		Subcellular Location: Cell membrane ,Cytoplasm

— VALIDATION IMAGES —

Sample: SW480(Human) Cell Lysate at 30 ug
HepG2(Human) Cell Lysate at 30 ug Primary:
Anti- FUT2 (bs-12258R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 39 kD
Observed band size: 54 kD



Paraformaldehyde-fixed, paraffin embedded
(Human duodenum); 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; Incubation with
(FUT2) Polyclonal Antibody, Unconjugated
(bs-12258R) at 1:200 overnight at 4°C, followed
by operating according to SP Kit(Rabbit)
(sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=7.464]** Zhengchang Wu. et al. Insight into mechanisms of pig lncRNA FUT3-AS1 regulating E. coli F18-bacterial diarrhea. PLOS PATHOG. 2022 Jun;18(6):e1010584 WB ;Pig. 35696408
- **[IF=3.1]** Zhang Dan-Dan. et al. Butyrate protects the intestinal barrier by upregulating Fut2 expression via MEK4-JNK signaling pathway activation. PEDIATR RES. 2024 Aug;;1-10 WB,IF ;Rat,Mouse. 39134757