

## Anti-FUT4 antibody (186-331) (STJ118750)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

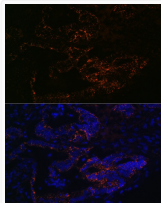
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 59kDa Observed Mw: 59kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

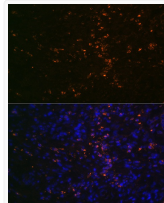
Gene ID	<a href="#">2526</a>
Gene Symbol	<a href="#">FUT4</a>
UniProt ID	<a href="#">FUT4_HUMAN</a>
Immunogen Region	186-331
Immunogen Sequence	SRPVGVLLWWEFPGGRDSAP RPPDCRLRFNISGCRLLTD RASYGEAQAVLFHHRDLVKG PPDWPPPWGIQAHTAEEVDL RVLDYEEAAAAAEALATSSP RPPGQRWVWMNFESPSHSPG LRSLASNLFNWTLNLSYRADSD VFVPYGG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 186-331 of human FUT4 (NP_002024.1).

### ADDITIONAL INFORMATION

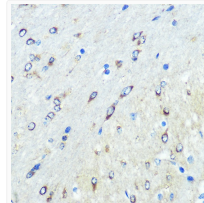
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



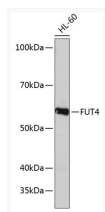
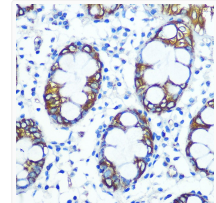
Immunofluorescence analysis of paraffin-embedded human colon carcinoma using FUT4 Rabbit polyclonal antibody (STJ118750) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of FUT4 in paraffin-embedded mouse brain using FUT4 Rabbit polyclonal antibody (STJ118750) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of FUT4 in paraffin-embedded human colon using FUT4 Rabbit polyclonal antibody (STJ118750) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from HL-60 cells, using FUT4 Rabbit polyclonal antibody (STJ118750) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.