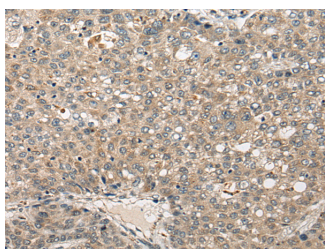


FUT4 Polyclonal Antibody

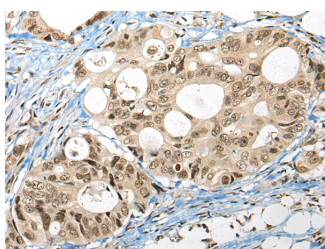
Catalog No.	E-AB-17774	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using FUT4 Polyclonal Antibody at dilution of 1:40(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using FUT4 Polyclonal Antibody at dilution of 1:40(×200)

Immunogen Information

Immunogen	Synthetic peptide of human FUT4
Gene Accession	NP002024
Swissprot	P22083
Synonyms	fucT-IV,FUTIV,Lewis X,LeX,SSEA-1,stage-specific embryonic antigen 1

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

The product of this gene transfers fucose to N-acetyllactosamine polysaccharides to generate fucosylated carbohydrate structures. It catalyzes the synthesis of the non-sialylated antigen, Lewis x (CD15). FUT4 (Fucosyltransferase 4) is a Protein Coding gene. Diseases associated with FUT4 include Liver Lymphoma and Colon Adenocarcinoma. Among its related pathways are Mannose type O-glycan biosynthesis and Wnt / Hedgehog / Notch. GO annotations related to this gene include fucosyltransferase activity and alpha-(1->3)-fucosyltransferase activity. An important paralog of this gene is FUT5.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.