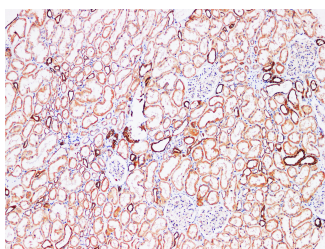


FUT3 Polyclonal Antibody

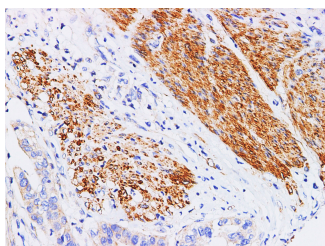
Catalog No.	E-AB-40309	Reactivity	H
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC	Isotype	IgG

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

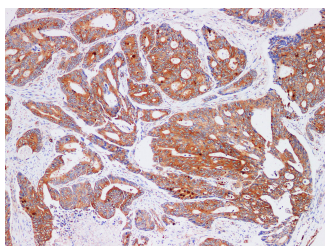
Images



Immunohistochemistry of paraffin-embedded Human kidney using FUT3 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human stomach cancer using FUT3 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human Colorectal cancer using FUT3 Polyclonal Antibody at dilution of 1:200(100×).

Immunogen Information

Immunogen	Recombinant Human Galactoside 3(4)-L-fucosyltransferase protein
GeneID	2525
Swissprot	P21217
Synonyms	CD174,FT3B,Fucosyltransferase 3,Fucosyltransferase III,FucT III,FUT3,LE,Les,Lewis FT

Product Information

Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	IHC 1:100-1:300

Background

The Lewis histo-blood group system comprises a set of fucosylated glycosphingolipids that are synthesized by exocrine epithelial cells and circulate in body fluids. The glycosphingolipids function in embryogenesis, tissue differentiation, tumor metastasis, inflammation, and bacterial adhesion. They are secondarily absorbed to red blood cells giving rise to their Lewis phenotype. This gene is a member of the fucosyltransferase family, which catalyzes the addition of fucose to precursor polysaccharides in the last step of Lewis antigen biosynthesis. It encodes an enzyme with alpha(1,3)-fucosyltransferase and alpha(1,4)-fucosyltransferase activities. Mutations in this gene are responsible for the majority of Lewis antigen-negative phenotypes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene.

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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.