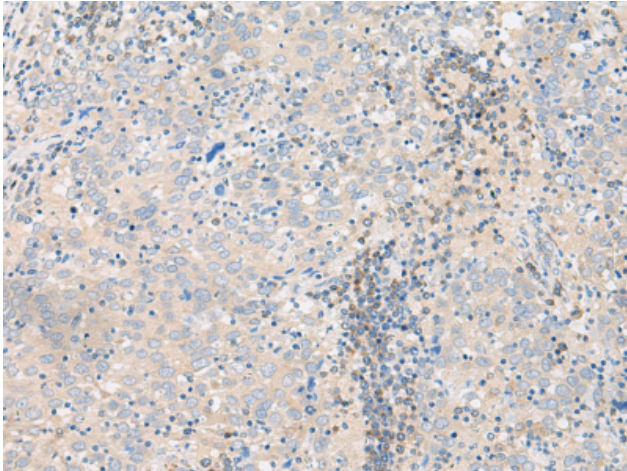


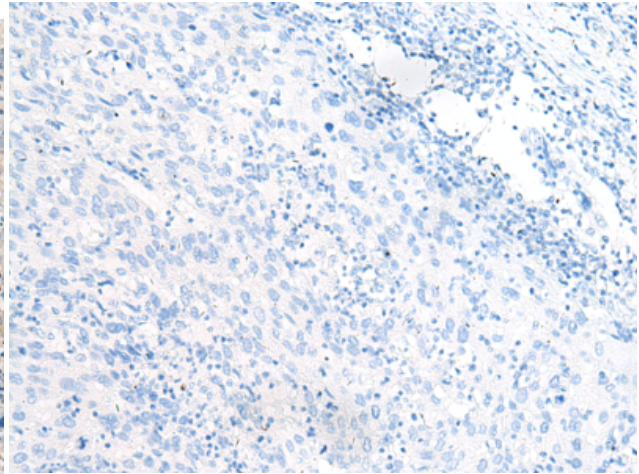
FUT3 RABBIT PAB**Cat.#:** S222054**Product Name:** Anti-FUT3 Rabbit Polyclonal Antibody**Synonyms:** LE; Les; FT3B; CD174; FucT-III**UNIPROT ID:** P21217 (Gene Accession - NP_000140)

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.

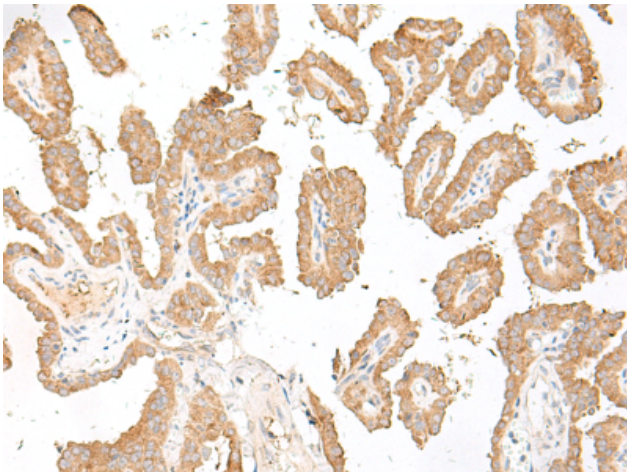
Immunogen: Synthetic peptide of human FUT3**Applications:** ELISA, IHC**Recommended Dilutions:** IHC: 20-100; ELISA: 5000-10000**Host Species:** Rabbit**Clonality:** Rabbit Polyclonal**Isotype:** Immunogen-specific rabbit IgG**Purification:** Antigen affinity purification**Species Reactivity:** Human**Constituents:** PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol**Research Areas:** Cardiovascular**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



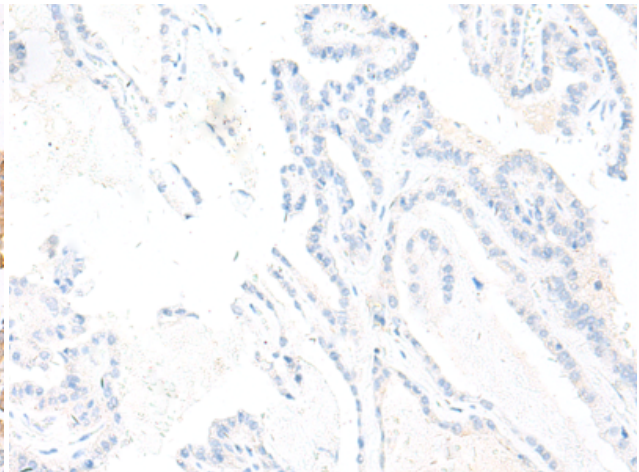
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 222054(FUT3 Antibody) at a dilution of 1/20(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 222054(Anti-FUT3 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 222054(Anti-FUT3 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D263951(Anti-FUT3 Antibody) at dilution 1/20.