

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

WFS1 RABBIT PAB

Cat.#: S212026

Product Name: Anti-WFSI Rabbit Polyclonal Antibody

Synonyms: WFS; WFRS; WFSL; CTRCT41

UNIPROT ID: 076024 (Gene Accession - BC030130)

Background: This gene encodes a transmembrane protein, which is located primarily in the endoplasmic reticulum and ubiquitously expressed with highest levels in brain, pancreas, heart, and insulinoma beta-cell lines. Mutations in this gene are associated with Wolfram syndrome, also called DIDMOAD (Diabetes Insipidus, Diabetes Mellitus, Optic Atrophy, and Deafness), an autosomal recessive disorder. The disease affects the brain and central nervous system. Mutations in this gene can also cause autosomal dominant deafness 6 (DFNA6), also known as DFNA14 or DFNA38. Alternatively spliced transcript variants have been found for this gene.

Immunogen: Fusion protein of human WFS1

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, Mouse

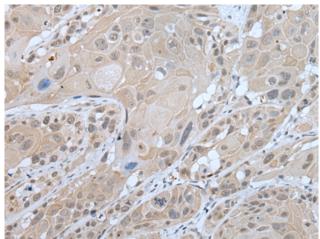
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Metabolism, Neuroscience **Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

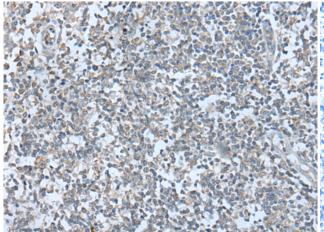


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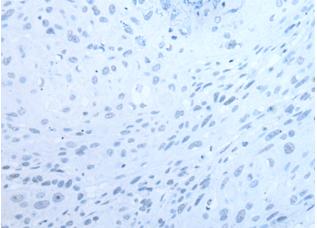
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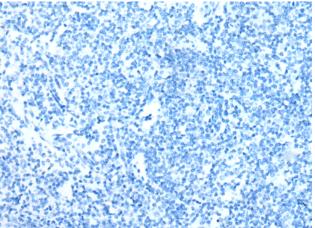
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 212026(WFS1 Antibody) at a dilution of 1/30(Cell membrane).



The image on the left is immunohistochemistry of paraffinembedded Human tonsil tissue using 212026(Anti-WFS1 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 212026(Anti-WFS1 Antibody) at dilution 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D124093(Anti-WFS1 Antibody) at dilution 1/30.