

## WFS1 RABBIT PAB

**Cat.#:** S212026

**Product Name:** Anti-WFS1 Rabbit Polyclonal Antibody

**Synonyms:** WFS; WFRS; WFSL; CTRCT41

**UNIPROT ID:** O76024 (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

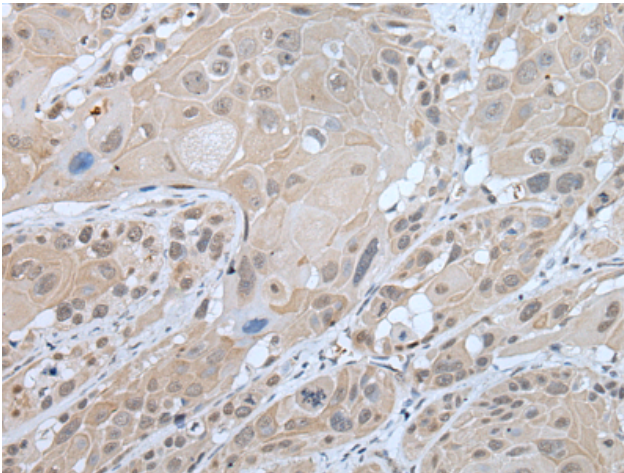
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

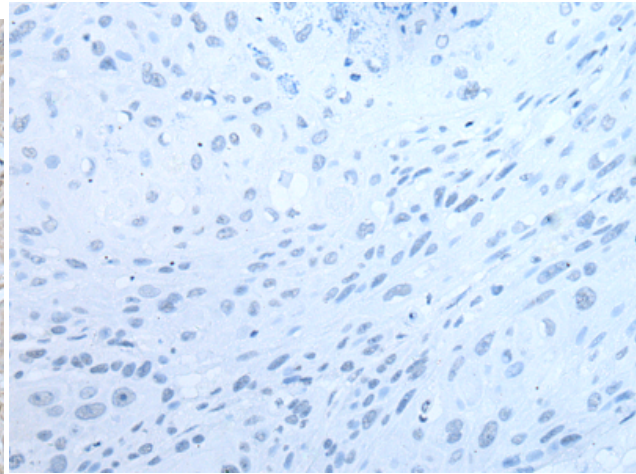
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cancer, Metabolism, Neuroscience

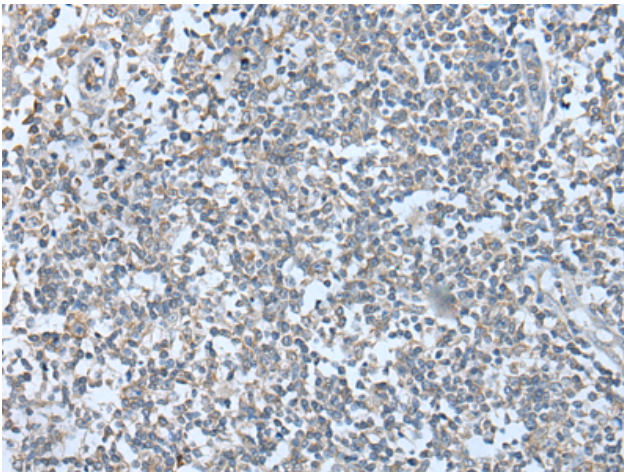
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



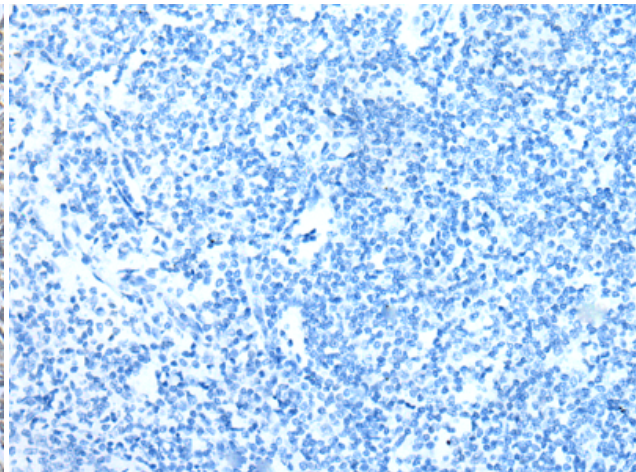
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 212026(WFS1 Antibody) at a dilution of 1/30(Cell membrane).



In comparison 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.



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



In comparison 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.