

WDFY2 RABBIT PAB

Cat.#: S218284

Product Name: Anti-WDFY2 Rabbit Polyclonal Antibody

Synonyms: PROF; WDF2; ZFYVE22

UNIPROT ID: Q96P53 (Gene Accession - BC014004)

Background: WD repeat and FYVE domain-containing protein 2 (WDFY2), also known as WDF2 and ZFYVE22, is a 400 amino acid protein that localizes to a set of small endosomes that are found within 100 nm from the plasma membrane. Highly conserved between species, WDFY2 consists of one FYVE-type zinc finger and seven WD repeats. The FYVE domain is a cysteine-rich domain of about 70 amino acids. Its primary role is to target signal-transducing proteins to cell membranes through binding to the membrane lipid phosphatidylinositol-3-phosphate with high specificity. WD-repeats are generally found in clusters of seven. They have no intrinsic catalytic activity, but they serve as a platform for protein-protein interactions. WDFY2 is suspected to play a critical role in the endocytic pathway.

Immunogen: Fusion protein of human WDFY2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 30-150;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

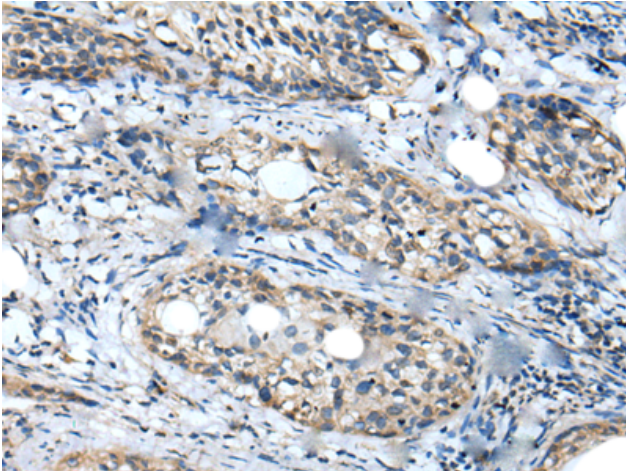
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

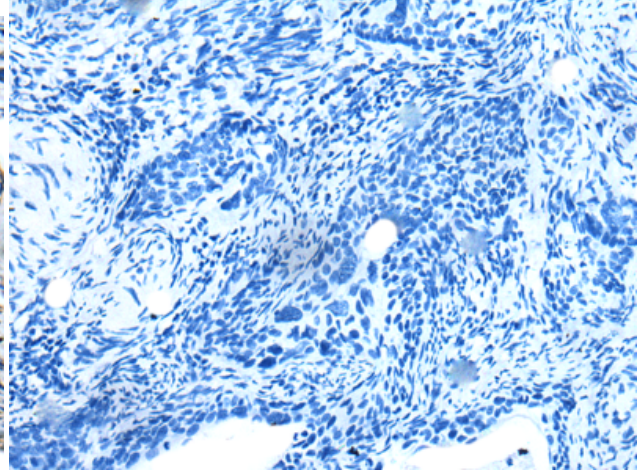
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction

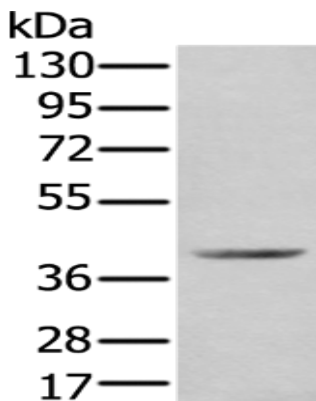
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 218284(WDFY2 Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 218284(Anti-WDFY2 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
Lane: Mouse kidney tissue lysate;
Primary antibody: 218284(WDFY2 Antibody) at dilution 1/350;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 15 seconds