

## WDFY3 RABBIT PAB

**Cat.#:** S218281

**Product Name:** Anti-WDFY3 Rabbit Polyclonal Antibody

**Synonyms:** ALFY; ZFYVE25

**UNIPROT ID:** Q8IZQ1 (Gene Accession - BC015214 )

**Background:** This gene encodes a phosphatidylinositol 3-phosphate-binding protein that functions as a master conductor for aggregate clearance by autophagy. This protein shuttles from the nuclear membrane to colocalize with aggregated proteins, where it complexes with other autophagic components to achieve macroautophagy-mediated clearance of these aggregated proteins. However, it is not necessary for starvation-induced macroautophagy.

**Immunogen:** Fusion protein of human WDFY3

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-300;WB: 200-1000;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:** Cardiovascular

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

✘ Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218281(WDFY3 Antibody) at a dilution of 1/70(Cytoplasm and Nucleus).

✘ The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 218281(Anti-WDFY3 Antibody) at a dilution of 1/70.

✘ Gel: 6%SDS-PAGE, Lysate: 40 µg;  
Lane: Hela cell lysate;  
Primary antibody: 218281(WDFY3 Antibody) at dilution 1/650;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 second

✘ In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218281(Anti-WDFY3 Antibody) at dilution 1/70.

✘ In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D224087(Anti-WDFY3 Antibody) at dilution 1/70.