

## RPA2 RABBIT PAB

**Cat.#:** S217780

**Product Name:** Anti-RPA2 Rabbit Polyclonal Antibody

**Synonyms:** REPA2; RPA32; RP-A p32; RP-A p34

**UNIPROT ID:** P15927 (Gene Accession - BC001630 )

**Background:** Replication protein A 32 kDa subunit is a protein that in humans is encoded by the RPA2 gene. As part of the heterotrimeric replication protein A complex (RPA/ RP-A), binds and stabilizes single-stranded DNA intermediates, that form during DNA replication or upon DNA stress. It prevents their reannealing and in parallel, recruits and activates different proteins and complexes involved in DNA metabolism. Thereby, it plays an essential role both in DNA replication and the cellular response to DNA damage.

**Immunogen:** Full length fusion protein

**Applications:** ELISA, WB, IHC

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

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

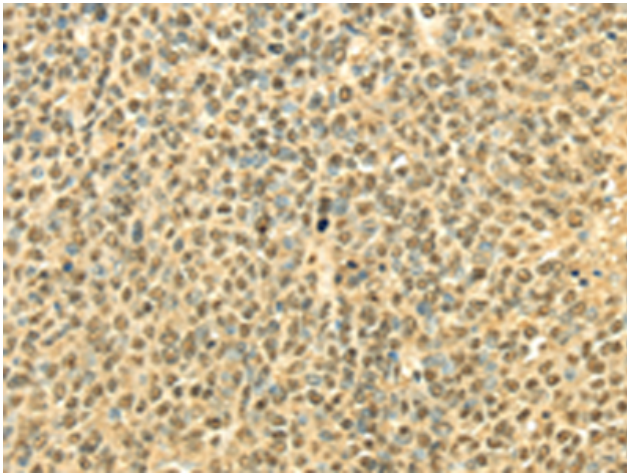
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

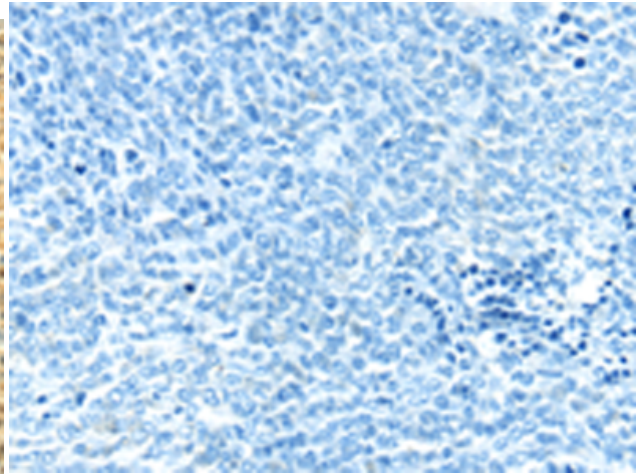
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling

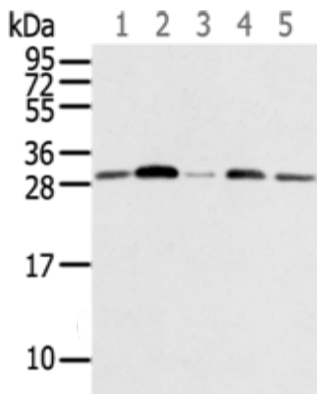
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 217780(RPA2 Antibody) at a dilution of 1/40(Nucleus and Cytoplasm ).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the fusion protein and then with 217780(Anti-RPA2 Antibody) at dilution 1/40.



Gel: 12%SDS-PAGE, Lysate: 40 µg;  
Lane 1-5: 231 cells, Jurkat cells, A549 cells, HUVEC cells, Hela cells;  
Primary antibody: 217780(RPA2 Antibody) at dilution 1/600;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 10 seconds