

## TUBB2A RABBIT PAB

**Cat.#:** S219125

**Product Name:** Anti-TUBB2A Rabbit Polyclonal Antibody

**Synonyms:** TUBB; TUBB2; CDCBM5

**UNIPROT ID:** Q13885 (Gene Accession - BC001194 )

**Background:** Microtubules, key participants in processes such as mitosis and intracellular transport, are composed of heterodimers of alpha- and beta-tubulins. The protein encoded by this gene is a beta-tubulin. Defects in this gene are associated with complex cortical dysplasia with other brain malformations-5. Two transcript variants encoding distinct isoforms have been found for this gene.

**Immunogen:** Fusion protein of human TUBB2A

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-300;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

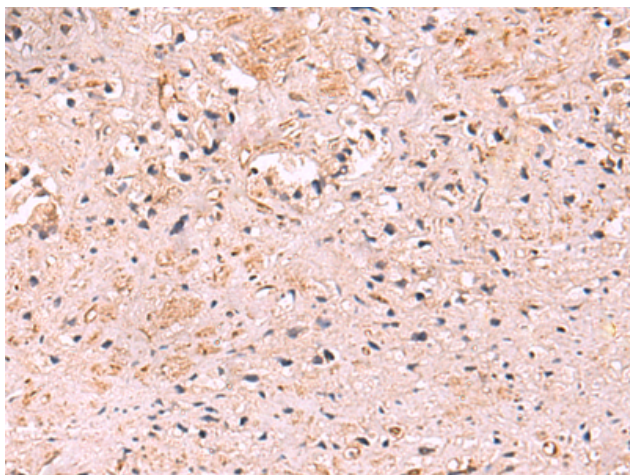
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

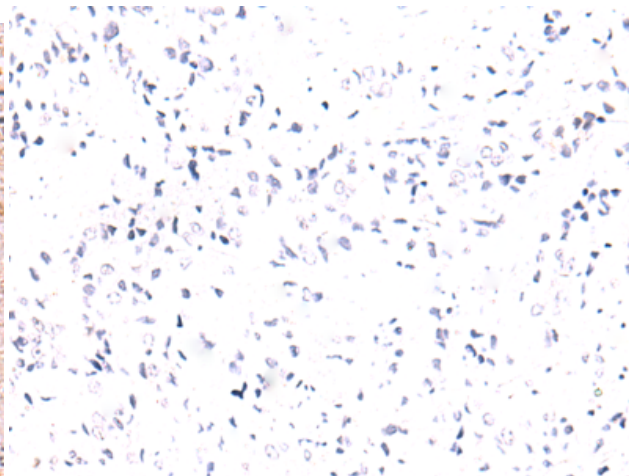
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

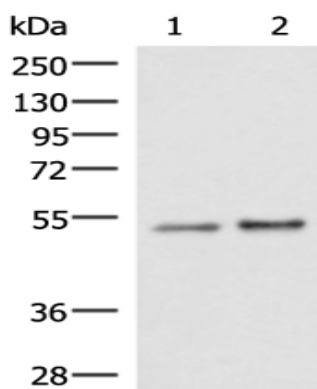
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 219125 (TUBB2A Antibody) at a dilution of 1/85 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the fusion protein and then with 219125 (Anti-TUBB2A Antibody) at dilution 1/85.



Gel: 8% SDS-PAGE, Lysate: 40  $\mu$ g;

Lane 1-2: Mouse brain tissue and Rat brain tissue lysates;

Primary antibody: 219125 (TUBB2A Antibody) at dilution 1/550;

Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;

Exposure time: 3 seconds