

## TUBB2A RABBIT PAB

**Cat.#:** S221611

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

**Synonyms:** TUBB; TUBB2; CDCBM5

**UNIPROT ID:** Q13885 (Gene Accession - NP\_001060 )

**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:** Synthetic peptide of human TUBB2A

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-50;WB: 500-2000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

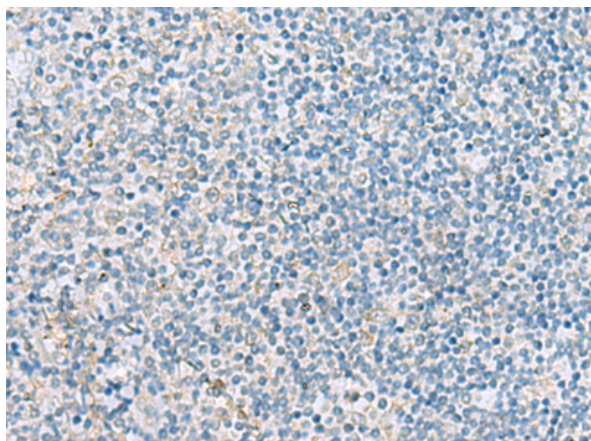
**Purification:** Antigen affinity purification

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

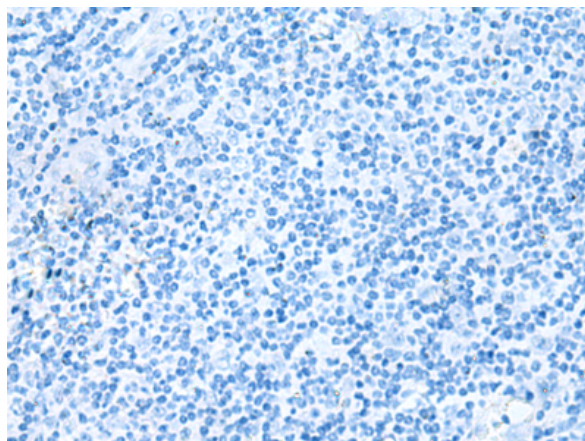
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

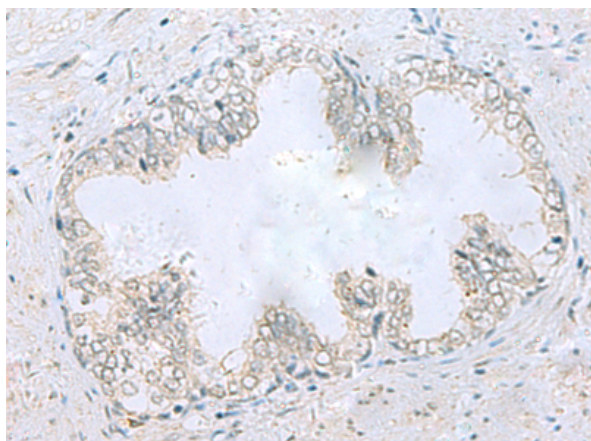
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



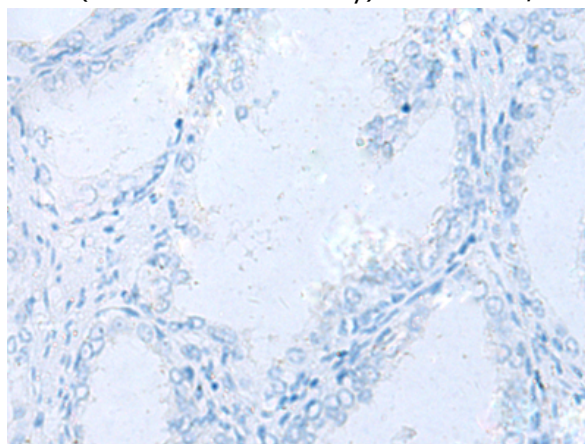
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221611(TUBB2A Antibody) at a dilution of 1/30(Cytoplasm).



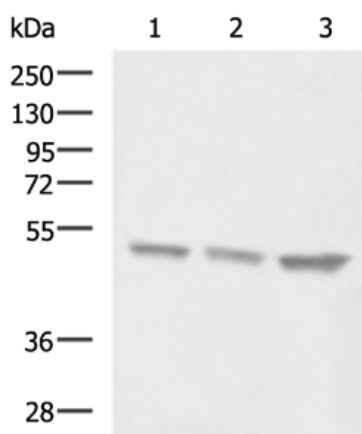
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221611(Anti-TUBB2A Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 221611(Anti-TUBB2A Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with synthetic peptide and then with D263270(Anti-TUBB2A Antibody) at dilution 1/30.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-3: NIH/3T3, Jurkat, 293T cell lysates;  
 Primary antibody: 221611(TUBB2A Antibody) at dilution 1/750;  
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
 Exposure time: 10 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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