

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

SMC6 RABBIT PAB

Cat.#: \$220953

Product Name: Anti-SMC6 Rabbit Polyclonal Antibody

Synonyms: SMC-6; hSMC6; SMC6L1

UNIPROT ID: Q96SB8 (Gene Accession - NP_078900)

Background: Structural maintenance of chromosomes protein 6 is a protein that in humans is encoded by the SMC6 gene. Core component of the SMC5-SMC6 comple,x a complex involved in DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks.

Immunogen: Synthetic peptide of human SMC6

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 20-100;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human

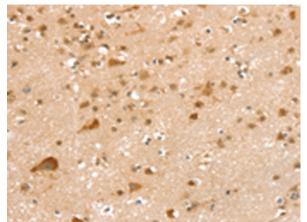
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Epigenetics and Nuclear Signaling, Cancer

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

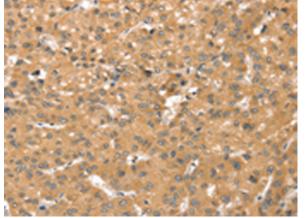


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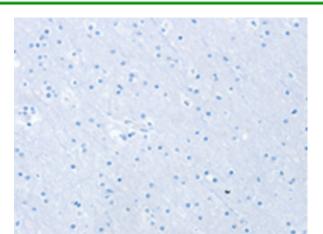
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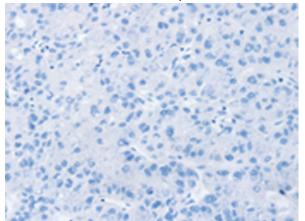
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220953(SMC6 Antibody) at a dilution of 1/20(Cytoplasm or Nucleus).



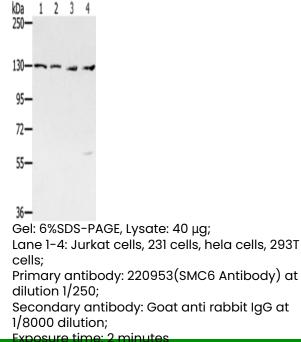
The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue using 220953(Anti-SMC6 Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220953(Anti-SMC6 Antibody) at dilution 1/20.



paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D262276(Anti-SMC6 Antibody) at dilution 1/20.





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