

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CEP170 RABBIT PAB

Cat.#: S221722

Product Name: Anti-CEP170 Rabbit Polyclonal Antibody

Synonyms: KAB; FAM68A; KIAA0470

UNIPROT ID: Q5SW79 (Gene Accession - NP_055627)

Background: The product of this gene is a component of the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. During interphase, the encoded protein localizes to the sub-distal appendages of mature centrioles, which are microtubule-based structures thought to help organize centrosomes. During mitosis, the protein associates with spindle microtubules near the centrosomes. The protein interacts with and is phosphorylated by polo-like kinase 1, and functions in maintaining microtubule organization and cell morphology. The human genome contains a putative transcribed pseudogene. Several alternatively spliced transcript variants of this gene have been found, but the full-length nature of some of these variants has not been determined.

Immunogen: Synthetic peptide of human CEP170

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: Oct-50;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

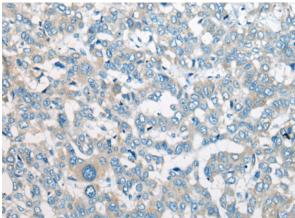
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Cancer

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

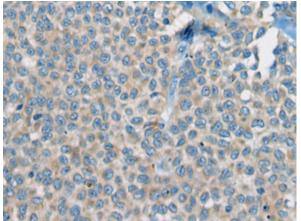


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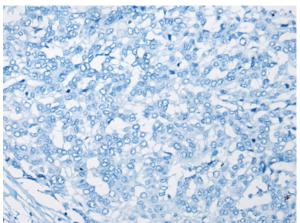
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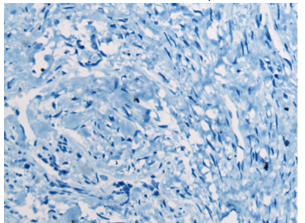
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221722(CEP170 Antibody) at a dilution of 1/25(Cytoplasm).



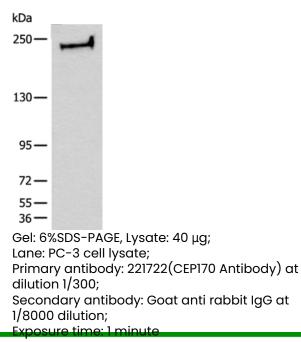
The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 221722(Anti-CEP170 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221722(Anti-CEP170 Antibody) at dilution 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D263436(Anti-CEP170 Antibody) at dilution 1/25.





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