

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CKAP4 RABBIT PAB

Cat.#: S220461

Product Name: Anti-CKAP4 Rabbit Polyclonal Antibody

Synonyms: p63; CLIMP-63; ERGIC-63

UNIPROT ID: Q07065 (Gene Accession - NP_006816)

Background: CKAP4 (cytoskeleton-associated protein 4), also known as p63, CLIMP-63 or ERGIC-63, is a 602 amino acid single-pass type II transmembrane protein that links the endoplasmic reticulum (ER) to the cytoskeleton. Considered a novel protein in maintaining ER morphology, CKAP4 anchors the ER to microtubles which is required for maintaining ER spatial distribution during interphase of the cell cycle. CKAP4 can be reversibly palmitoylated and

phosphorylated and is a major substrate of the palmitoyl acyltransferase, ZDHHC2.

Immunogen: Synthetic peptide of human CKAP4

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 1000-5000;ELISA: 2000-10000

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

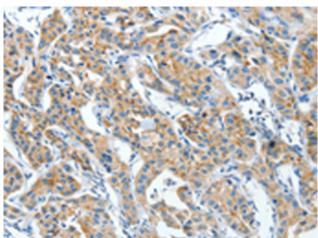
Research Areas: Cancer

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

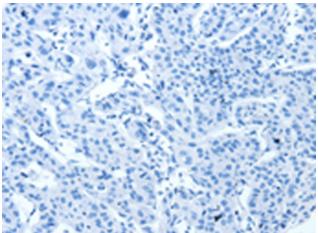


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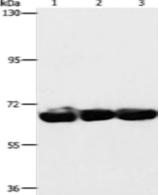
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Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 220461(CKAP4 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the synthetic peptide and then with 220461(Anti-CKAP4 Antibody) at dilution 1/30.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane 1-3: 293T cells, hepG2 cells, A549 cells; Primary antibody: 220461(CKAP4 Antibody) at

dilution 1/750;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute