

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

LRPAP1 RABBIT PAB

Cat.#: S213641

Product Name: Anti-LRPAP1 Rabbit Polyclonal Antibody

Synonyms: RAP, MRAP, A2RAP, HBP44, A2MRAP

UNIPROT ID: P30533 (Gene Accession - NP_002328)

Background: Low density lipoprotein receptor-related protein associated protein 1 also known as LRPAP1 or RAP is a chaperone protein which in humans is encoded by the LRPAP1 gene. LRPAP1 is involved with trafficking of certain members of the LDL receptor family including LRP1 and LRP2. It is a glycoprotein that binds to the alpha-2-macroglobulin receptor, as well as to other members of the low density lipoprotein receptor family. It acts to inhibit the binding of all know ligands for these receptors, and may prevent receptor aggregation and degradation in the endoplasmic reticulum, thereby acting as a molecular chaperone. It may be under the regulatory control of calmodulin, since it is able to bind calmodulin and be phosphorylated by calmodulin-dependent kinase II.

Immunogen: Synthetic peptide of human LRPAP1

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

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

glycerol

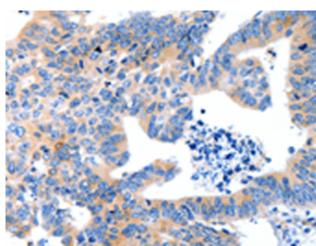
Research Areas: Signal Transduction, Metabolism, Cardiovascular

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

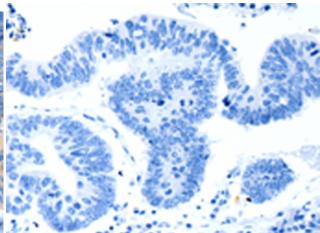


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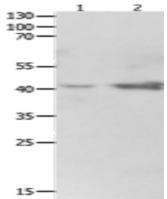
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Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 213641(LRPAP1 Antibody) at a dilution of 1/100(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 213641(Anti-LRPAP1 Antibody) at dilution 1/100.



Gel: 10%SDS-PAGE, Lysate: 40 µg;

Lane 1-2: 293T cells, Human fetal kidney tissue; Primary antibody: 213641(LRPAP1 Antibody) at

dilution 1/1600;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 2 minutes