

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

RRP8 RABBIT PAB

Cat.#: S215980

Product Name: Anti-RRP8 Rabbit Polyclonal Antibody

Synonyms: NML; KIAA0409

UNIPROT ID: O43159 (Gene Accession - NP_056139)

Background: Essential component of the eNoSC (energy-dependent nucleolar silencing) comple,x a complex that mediates silencing of rDNA in response to intracellular energy status and acts by recruiting histone-modifying enzymes. The eNoSC complex is able to sense the energy status of cell: upon glucose starvation, elevation of NAD+/NADP+ ratio activates SIRT1, leading to histone H3 deacetylation followed by dimethylation of H3 at 'Lys-9' (H3K9me2) by SUV39H1 and the formation of silent chromatin in the rDNA locus. In the comple,x RRP8 binds to H3K9me2 and probably acts as a methyltransferase. Its substrates are however unknown.

Immunogen: Synthetic peptide of human RRP8

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; 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 Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

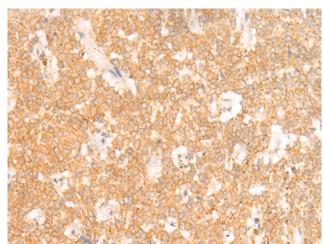
Research Areas: Cell Biology

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

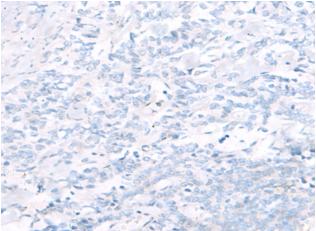


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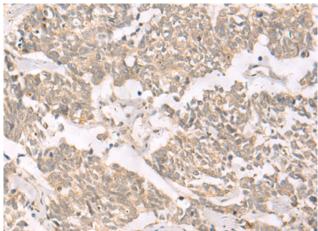
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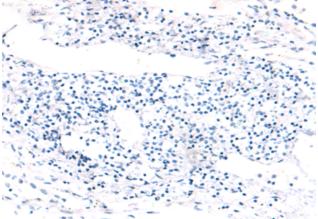
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 215980(RRP8 Antibody) at a dilution of 1/50(Cytoplasm and Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 215980(Anti-RRP8 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 215980(Anti-RRP8 Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D164224(Anti-RRP8 Antibody) at dilution 1/50.