

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PEBP1 RABBIT PAB

Cat.#: S216738

Product Name: Anti-PEBP1 Rabbit Polyclonal Antibody **Synonyms:** PBP; HCNP; PEBP; RKIP; HCNPpp; PEBP-1 **UNIPROT ID:** P30086 (Gene Accession - BC031102)

Background: Phosphatidylethanolamine-binding protein 1 is a protein that in humans is encoded by the PEBP1 gene. Binds ATP, opioids and phosphatidylethanolamine. Has lower affinity for phosphatidylinositol and phosphatidylcholine. Serine protease inhibitor which inhibits thrombin, neuropsin and chymotrypsin but not trypsin, tissue type plasminogen activator and elastase By similarity. Inhibits the kinase activity of RAF1 by inhibiting its activation and by dissociating the RAF1/MEK complex and acting as a competitive inhibitor of MEK phosphorylation.

Immunogen: Fusion protein of human PEBP1

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

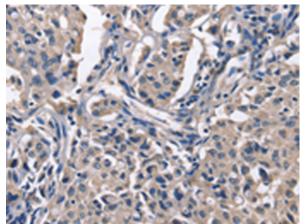
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Cancer, Neuroscience **Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

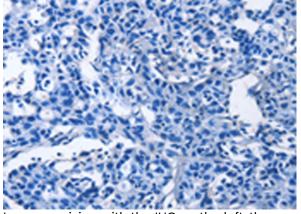


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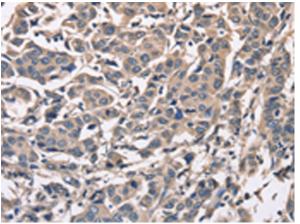
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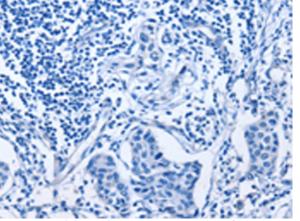
Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 216738(PEBP1 Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 216738(Anti-PEBP1 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue paraffin-embedded Human breast cancer tissue using 216738 (Anti-PEBP1 Antibody) at a dilution of is first treated with fusion protein and then with 1/50.



D221145(Anti-PEBP1 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg;

Lane 1-4: A549 cells, K562 cells, hela cells, hepG2

cells;

Primary antibody: 216738(PEBP1 Antibody) at dilution 1/475;

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;



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