

ACP6 RABBIT PAB

Cat.#: S217578

Product Name: Anti-ACP6 Rabbit Polyclonal Antibody

Synonyms: LPAP; ACPL1; PACPL1

UNIPROT ID: Q9NPH0 (Gene Accession - BC034686)

Background: Lysophosphatidic acid phosphatase type 6 (ACP6), also designated acid phosphatase-like protein 1 (ACPL1) or lysophosphatidic acid phosphatase (LPAP), is a 428 amino acid secreted protein that hydrolyzes lysophosphatidic acid to monoacylglycerol. ACP6 is highly expressed in kidney, heart, small intestine, muscle, liver, prostate, testis, ovary and exists as two isoforms as a result of alternative splicing events. The gene encoding ACP6 maps to human chromosome 1, the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene of human chromosome 1, which encodes lamin A. Stickler syndrome, Parkinsons, Gaucher disease, familial adenomatous polyposis and Usher syndrome are also associated with chromosome 1. Aberrations in chromosome 1 are found in a variety of cancers including head and neck cancer, malignant melanoma and multiple myeloma.

Immunogen: Fusion protein of human ACP6

Applications: ELISA, WB, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

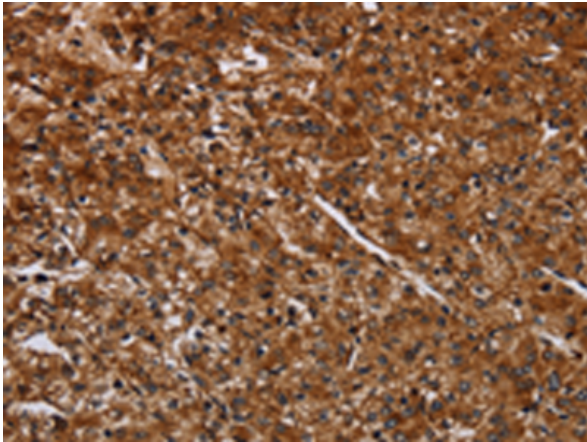
Purification: Antigen affinity purification

Species Reactivity: Human

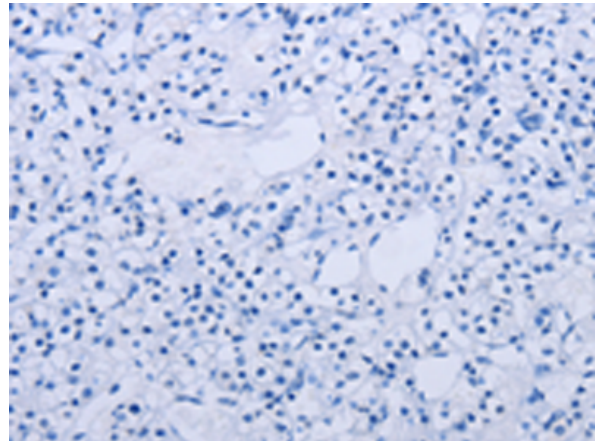
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

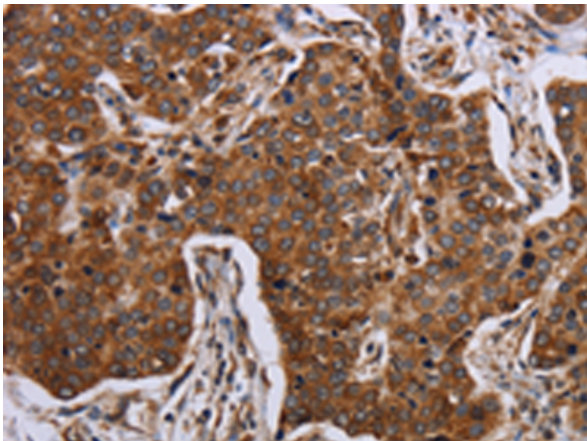
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



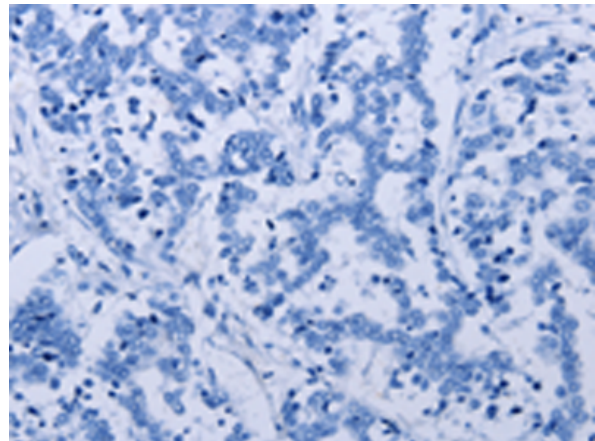
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 217578(ACP6 Antibody) at a dilution of 1/30(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the fusion protein and then with 217578(Anti-ACP6 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217578(Anti-ACP6 Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D222624(Anti-ACP6 Antibody) at dilution 1/30.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: K562 cells;
Primary antibody: 217578(ACP6 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 5 seconds



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
