

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **PLPP1 RABBIT PAB**

**Cat.#:** S219962

Product Name: Anti-PLPP1 Rabbit Polyclonal Antibody

Synonyms: LPP1; PAP2; LLP1a; PAP-2a; PPAP2A

UNIPROT ID: 014494 (Gene Accession - NP\_003702)

**Background:** The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in synthesis of glycerolipids and in phospholipase D-mediated signal transduction. This enzyme is an integral membrane glycoprotein that plays a role in the hydrolysis and uptake of lipids from extracellular space. Alternate splicing results in

multiple transcript variants of this gene. [provided by RefSeq, May 2013]

Immunogen: Synthetic peptide of human PLPP1

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

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

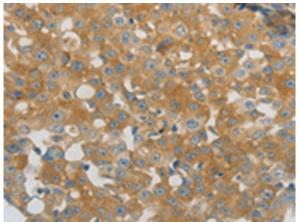
Research Areas: Metabolism, Signal Transduction, Cancer

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

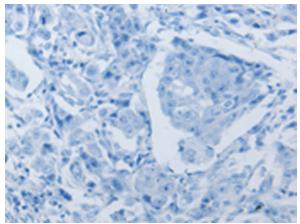


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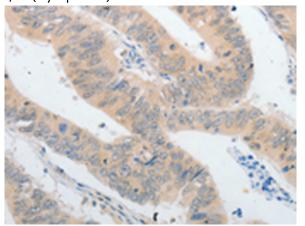
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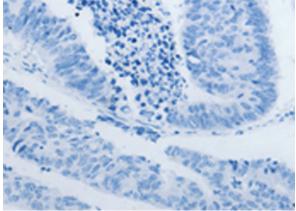
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219962(PLPP1 Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 219962(Anti-PLPP1 Antibody) at dilution 1/40.



paraffin-embedded Human colon cancer tissue using 219962(Anti-PLPP1 Antibody) at a dilution of 1/40.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D260691(Anti-PLPP1 Antibody) at dilution 1/40.



Gel: 10%SDS-PAGE, Lysate: 30 µg; Lane: Human liver cancer tissue;

Primary antibody: 219962(PLPP1 Antibody) at

dilution 1/650;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 second



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