

## PLPP1 RABBIT PAB

**Cat.#:** S219962

**Product Name:** Anti-PLPP1 Rabbit Polyclonal Antibody

**Synonyms:** LPP1; PAP2; LLP1 $\alpha$ ; PAP-2 $\alpha$ ; PPAP2A

**UNIPROT ID:** O14494 (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

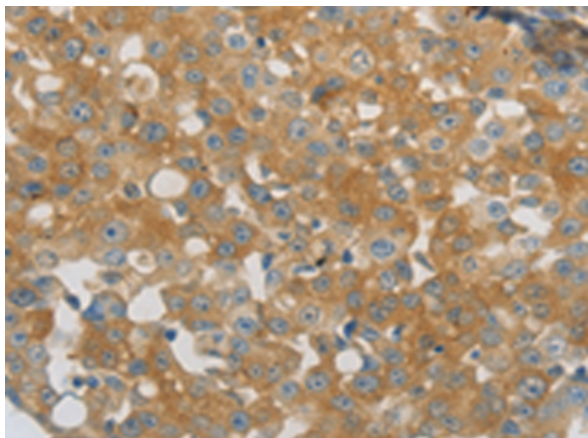
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

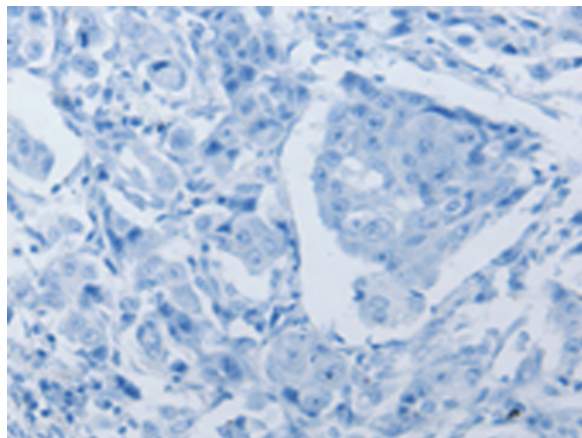
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Signal Transduction, Cancer

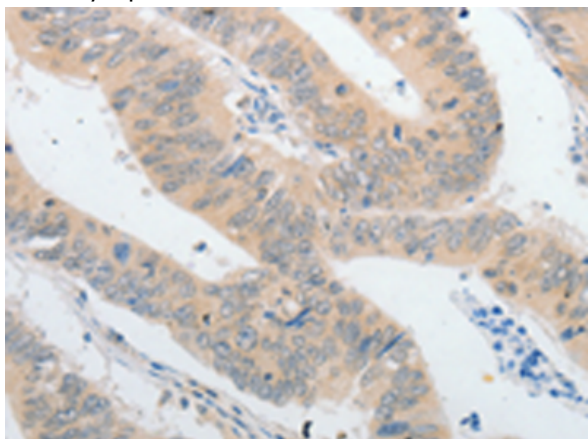
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



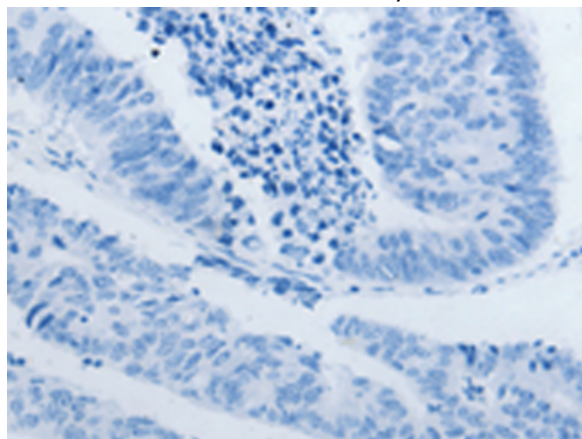
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 219962(PLPPI Antibody) at a dilution of 1/40(Cytoplasm).



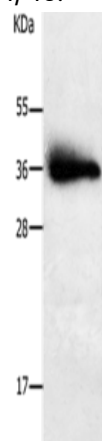
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 219962(Anti-PLPPI Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 219962(Anti-PLPPI Antibody) at a dilution of 1/40.



In comparison 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-PLPPI Antibody) at dilution 1/40.



Gel: 10%SDS-PAGE, Lysate: 30 µg;  
Lane: Human liver cancer tissue;  
Primary antibody: 219962(PLPPI Antibody) at dilution 1/650;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 second



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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