

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## PLPP2 RABBIT PAB

Cat.#: S222341

**Product Name:** Anti-PLPP2 Rabbit Polyclonal Antibody

Synonyms: LPP2; PAP-2c; PAP2-g; PPAP2C

UNIPROT ID: 043688 (Gene Accession - NP\_003703)

**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 de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is similar to phosphatidic acid phosphatase type 2A (PPAP2A) and type 2B (PPAP2B). All three proteins contain 6 transmembrane regions, and a consensus N-glycosylation site. This protein has been shown to possess membrane associated PAP activity. Three alternatively spliced transcript variants encoding distinct isoforms have been reported.

**Immunogen:** Synthetic peptide of human PLPP2

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

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

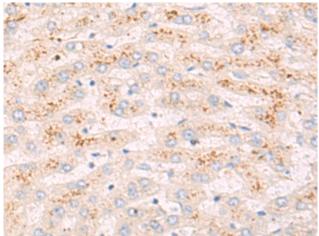
Research Areas: Signal Transduction, Cancer, Metabolism

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

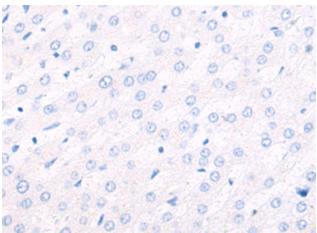


## **Product Description**

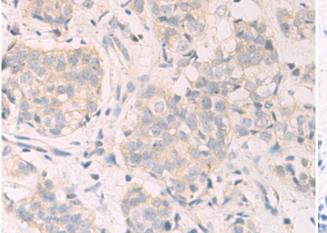
Pioneering GTPase and Oncogene Product Development since 2010



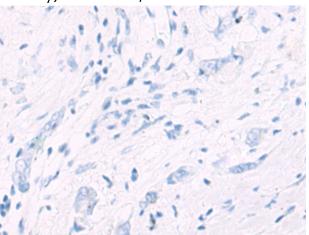
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 222341(PLPP2 Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 222341(Anti-PLPP2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using cancer tissue is first treated with synthetic 222341(Anti-PLPP2 Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human breast peptide and then with D264433(Anti-PLPP2 Antibody) at dilution 1/50.