

## OriGene Technologies Inc.

ogies Inc. OriGene EU

## **Acris Antibodies GmbH**

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## Polyclonal Antibody to GPLD2 (N-term) - Purified

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Catalog No.: AP12206PU-N

Quantity: 0.1 mg
Concentration: 0.25 mg/ml

**Background:** Glycosylation is one of the most universal but at the same time complex protein

modifications. Modification with sugar moeties can be both co- translational and post-translational, occurring in the endoplasmatic reticulum and golgi. Three different forms of glycosylation can be distinguished: N-linked oligosaccharides, O-linked oligosaccharides and glycosyl- phosphatidylinositol (GPI-) anchors. Glycosylation results in thousands of distinct, bioactive glycoproteins resident throughout the cell that strongly determine protein-protein, carbohydrate-protein, membrane, and adhesion properties. Diseases associated with glycosylation defects include Congenital disorders of glycosylation, (CDG), also known as carbohydrate deficient glycoprotein syndromes, and diseases associated

with advanced aging.

Host / Isotype: Rabbit / Ig

Immunogen: This antibody is generated from rabbits immunized with a KLH conjugated synthetic

peptide selected from the N-terminal region of human GPLD2.

**Format:** State: Liquid purified Ig fraction.

Purification: Protein G Chromatography, eluted with high and low pH buffers and

neutralized immediately, followed by dialysis against PBS.

**Buffer System:** PBS with 0.09% (W/V) Sodium Azide as preservative.

**Applications:** ELISA: 1/1,000.

Western blot: 1/50-1/100.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

**Specificity:** This antibody detects GPLD2 (N-term).

Species: Human.

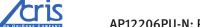
Other species not tested.

Add. Information: Molecular weight: 92666 Da

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Caution: This product is for research use only. Not for use in diagnostic or therapeutic procedures.



## AP12206PU-N: Polyclonal Antibody to GPLD2 (N-term) - Purified

**Pictures:** 

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidaseconjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

