

PACO16065

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, IHC:1:50-1:200

**Protein Background:**

This gene encodes a member of the cytosolic phospholipase A2 group IV family. The enzyme catalyzes the hydrolysis of membrane phospholipids to release arachidonic acid, which is subsequently metabolized into eicosanoids. Eicosanoids, including prostaglandins and leukotrienes, are lipid-based cellular hormones that regulate hemodynamics, inflammatory responses, and other intracellular pathways. The hydrolysis reaction also produces lysophospholipids that are converted into platelet-activating factor.

**Gene ID:**

PLA2G4A

**Uniprot**

P47712

**Synonyms:**

phospholipase A2, group IVA (cytosolic, calcium-dependent)

**Immunogen:**

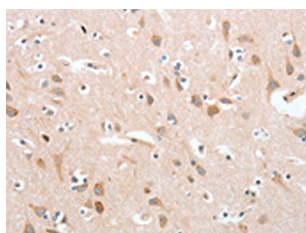
Fusion protein of human PLA2G4A.

**Storage:**

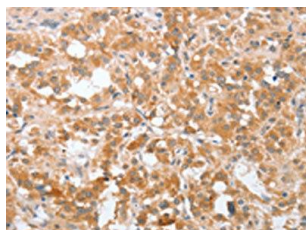
-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

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The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO16065(PLA2G4A Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO16065(PLA2G4A Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: x—200).