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PLA2G1B Polyclonal Antibody

Cat #: G-AB-10677

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:**

Overview:
This gene encodes a secreted member of the phospholipase A2 (PLA2) class of enzymes, which is produced by the pancreatic acinar cells. The encoded calcium-dependent enzyme catalyzes the hydrolysis of the sn-2 position of membrane glycerophospholipids to release arachidonic acid (AA) and lysophospholipids. AA is subsequently converted by downstream metabolic enzymes to several bioactive lipophilic compounds (eicosanoids), including prostaglandins (PGs) and leukotrienes (LTs). The enzyme may be involved in several physiological processes including cell contraction, cell proliferation and pathological response.

Gene ID: 5319

Accession #:

Immunogen: Recombinant fusion protein of human PLA2G1B (NP_000919.1).

Conjugation: Unconjugated

Swissprot: P04054

Calculated Molecular Weight: 16 kDa

Observed Molecular Weight: 16 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB,IHC

Dilution: WB 1:500-1:2000 IHC 1:100-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.