PLA2G4A Rabbit Polyclonal Antibody

CAB0394



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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
lysophospholipids that are converted into platelet-activating factor. The enzyme is activated by
cytosol and nucleus to perinuclear membrane vesicles. Alternative splicing results in multiple
transcript variants.
Immunogen information
Gene ID: 5321
Uniprot P47712
Synonyms:
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1-180 of human PLA2G4A (NP_077734.1).
Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Affinity purification



Western blot analysis of extracts of various cell lines, using PLA2G4A antibody (CAB0394) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 20s.