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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10113 - Goat Anti-PLA2G4A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: calcium-dependent phospholipid-binding protein, cPLA2-alpha, cytosolic phospholipase A2, group IVA, lysophospholipase, MGC126350, phosphatidylcholine 2-acylhydrolase, phospholipase A2, group IVA (cytosolic, calcium-dependent), PLA2G4, PLA2G4A

Official Symbol: PLA2G4A

Accession Number(s): NP_077734.1

Human GeneID(s): [5321](#)

Immunogen

Peptide with sequence C-QEKTFRQQRKEHIR, from the internal region of the protein sequence according to NP_077734.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 90kDa band observed in lysates of cell lines HeLa (calculated MW of 85.2kDa according to NP_077734.1). Recommended concentration: 1-3µg/ml. Preliminary testing was unsuccessful on Mouse and Rat for this particular batch.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

EB10113 (1µg/ml) staining of HeLa lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.