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EB10114 - Goat Anti-PLA2G4C Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CPLA2-gamma, cytosolic phospholipase A2 gamma, DKFZp586C0423, FLJ42247, FLJ44164, phospholipase A2, cytosolic, calcium-independent, gamma, phospholipase A2, group IVC, phospholipase A2, group IVC (cytosolic, calcium-independent), PLA2G4C
Official Symbol: PLA2G4C
Accession Number(s): NP_003697.2; NP_001152794.1; NP_001152795.1
Human GenelD(s): <u>8605</u>
Important Comments: This antibody is expected to recognize all reported isoforms (NP_003697.2; NP_001152794.1; NP_001152795.1).

Immunogen

Peptide with sequence C-NTEVIREYIFDQLR, from the internal region of the protein sequence according to NP_003697.2; NP_001152794.1; NP_001152795.1.

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.

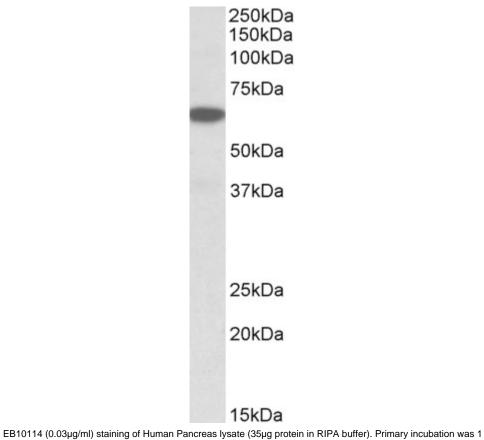
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 65kDa band observed in Human Brain (Hippocampus), Liver, Pancreas, and Spleen lysates (calculated MW of 62.5kDa according to NP_001152794.1). Recommended concentration: 0.03-0.1µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



B10114 (0.03µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.