

Goat anti-PLA2G4C Antibody

Item Number	dAP-2841
Target Molecule	Principle Name: PLA2G4C; Official Symbol: PLA2G4C; All Names and Symbols: PLA2G4C; phospholipase A2, group IVC (cytosolic, calcium-independent); CPLA2-gamma; DKFZp586C0423; FLJ42247; FLJ44164; cytosolic phospholipase A2 gamma; phospholipase A2, cytosolic, calcium-independent, gamma; phospholipase A2, group IVC; Accession Number (s): NP_003697.2; NP_001152794.1; NP_001152795.1; Human Gene ID(s): 8605; Non-Human GeneID(s):
Immunogen	NTEVIREYIFDQLR, is from internal region This antibody is expected to recognize all reported isoforms (NP_003697.2; NP_001152794.1; NP_001152795.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	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.
IHC	
Reference	Reference(s): Yamashita A, Tanaka K, Kamata R, Kumazawa T, Suzuki N, Koga H, Waku K, Sugiura T, Subcellular localization and lysophospholipase/transacylation activities of human group IVC phospholipase A2 (cPLA2gamma). Biochimica et biophysica acta 2009 Oct 1791 (10): 1011-22..PMID: 19501189->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**