

Goat anti-CPLA2-zeta Antibody

Item Number	dAP-2196
Target Molecule	Principle Name: CPLA2-zeta; Official Symbol: PLA2G4F; All Names and Symbols: PLA2G4F; phospholipase A2, group IVF; DKFZp666G192; DKFZp781B229; PLA2G4FZ; cytosolic phospholipase A2 zeta; cPLA2-zeta; Accession Number (s): NP_998765.3; Human Gene ID(s): 255189; Non-Human GeneID(s):
Immunogen	QTAEKAFGDFVINR, is from internal region (near C Terminus)
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 55-60kDa and 35kDa in Human Placenta lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculation
IHC	

Reference Reference(s): Ohto T, Uozumi N, Hirabayashi T, Shimizu T, Identification of novel cytosolic phospholipase A(2)s, murine cPLA(2){delta}, {epsilon}, and {zeta}, which form a gene cluster with cPLA(2){beta}. The Journal of biological chemistry 2005 Jul 280 (26): 24576-83..PMID: 15866882->

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**