

Goat anti-PLA2G2A Antibody

Item Number	dAP-3227
Target Molecule	Principle Name: PLA2G2A; Official Symbol: PLA2G2A; All Names and Symbols: PLA2G2A; phospholipase A2, group IIA (platelets, synovial fluid); MOM1; PLA2; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2; GIIC sPLA2; NPS-PLA2; group IIA phospholipase A2; non-pancreatic secretory phospholipase A2; phosphatidylcholine 2-acylhydrolase 2A; phospholi; Accession Number (s): NP_000291.1; Human Gene ID(s): 5320; Non-Human GeneID(s):
Immunogen	SYKFSNSGSRIT, is from internal region Reported variants represent identical protein: NP_001155199.1, NP_000291.1, NP_001155201.1, NP_001155200.1.
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 8000.
Western Blot	Western Blot: Approx 19kDa band observed in Human Placenta lysates (calculated MW of 16.1kDa according to NP_000291.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Villanueva EB, Little JP, Lambeau G, Klegeris A. Secreted phospholipase A(2) group IIA is a neurotoxin released by stimulated human glial cells. Molecular and cellular neurosciences 2012 Apr 49 (4): 430-8..PMID: 22406427->

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**