

Goat anti-PLA2G7 (aa53-64) Antibody

Item Number	dAP-2802
Target Molecule	Principle Name: PLA2G7 (aa53-64); Official Symbol: PLA2G7; All Names and Symbols: PLA2G7; phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma); LDL-PLA2; LP-PLA2; PAFAD; PAFAH; 1-alkyl-2-acetyl-glycerophosphocholine esterase; 2-acetyl-1-alkyl-glycerophosphocholine esterase; LDL-PLA(2); LDL-associated phospholi; Accession Number (s): NP_005075.3; Human Gene ID(s): 7941; Non-Human GeneID(s):
Immunogen	QTKIPRGNGPYS, is from internal region Reported variants represent identical protein: NP_005075.3, NP_001161829.1
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 8000.
Western Blot	Western Blot: Preliminary experiments gave an approx 100kDa band in Human Liver lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 50.1kD
IHC	
Reference	Reference(s): Moldoveanu E, Serban M, Marta DS, Serban I, Huica R. Lipoprotein-associated phospholipase A2 activity in patients with preserved left ventricular ejection fraction. Biomarkers. 2011 Nov;16(7):587-9..PMID: 21942556->

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**