

## Goat anti-PLA2R1 Antibody

<b>Item Number</b>	dAP-1951
<b>Target Molecule</b>	Principle Name: PLA2R1; Official Symbol: PLA2R1; All Names and Symbols: PLA2R1; phospholipase A2 receptor 1, 180kDa; CLEC13C; PLA2-R; PLA2G1R; PLA2IR; PLA2R; phospholipase A2 receptor 1; Accession Number (s): NP_031392.3; NP_001007268.1; NP_001182570.1; Human Gene ID(s): 22925; Non-Human GeneID(s):
<b>Immunogen</b>	EKKKDTPKQHGT, is from Internal region This antibody is expected to recognize all reported isoforms (NP_031392.3; NP_001007268.1; NP_001182570.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Pig
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	Western Blot: Approx 150kDa band observed in Human Kidney and Pig Lung lysates (calculated MW of 153kDa according to NP_001007268.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Silliman CC, Moore EE, Zallen G, Gonzalez R, Johnson JL, Elzi DJ, Meng X, Hanasaki K, Ishizaki J, Arita H, Ao L, England KM, Banerjee A. Presence of the M-type sPLA(2) receptor on neutrophils and its role in elastase release and adhesion. American journal of physiology. Cell physiology 2002 Oct 283

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**