

## Goat anti-cardiolipin synthase 1 Antibody

<b>Item Number</b>	dAP-2521
<b>Target Molecule</b>	Principle Name: cardiolipin synthase 1; Official Symbol: CRLS1; All Names and Symbols: CRLS1; cardiolipin synthase 1; C20orf155; CLS; CLS1; GCD10; dJ967N21.6; cardiolipin synthase; Accession Number(s): NP_061968.1; NP_001120930.1; Human Gene ID(s): 54675; Non-Human GeneID(s):
<b>Immunogen</b>	RSALGSALDPLADK, is from internal region This antibody is expected to recognize both reported isoforms (NP_061968.1; NP_001120930.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<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 64000.
<b>Western Blot</b>	Western Blot: Approx 30kDa band observed in lysates of cell line HEK293 (calculated MW of 32.6kDa according to NP_061968.1). Recommended concentration: 0.2-0.6µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): García-Carrasco M, Galarza-Maldonado C, Mendoza-Pinto C, Escarcega RO, Cervera R. Infections and the antiphospholipid syndrome. Clin Rev Allergy Immunol. 2009 Jun;36(2-3):104-8..PMID: 19089659->

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**