

## Goat anti-Phospholamban / PLN Antibody

Item Number	dAP-2184
Target Molecule	Principle Name: Phospholamban / PLN; Official Symbol: PLN; All Names and Symbols: PLN; phospholamban; CMD1P; PLB; cardiac phospholamban; Accession Number (s): NP_002658.1; Human Gene ID(s): 5350; Non-Human GeneID(s): 64672 (rat)
Immunogen	KVQYLTRSAIRR, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human, Rat
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 13kDa band observed in Human and Rat Heart lysates (calculated MW of 6.11kDa according to NP_002658.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Møller DV, Pham TT, Gustafsson F, Hedley P, Ersbøll MK, Bundgaard H, Andersen CB, Torp-Pedersen C, Køber L, Christiansen M. The role of Lamin A/C mutations in Danish patients with idiopathic dilated cardiomyopathy. European journal of heart failure : journal of the Working Group on Heart Failure of

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**