

AP21375BT-N**Polyclonal Antibody to PLA2G1B - Biotin**

Alternate names:	Group IB phospholipase A2, PLA2, PLA2A, PLA2G1B, PPLA2, Phosphatidylcholine 2-acylhydrolase 1B, Phospholipase A2
Quantity:	1 ml
Concentration:	10,0 mg/ml
Uniprot ID:	P00592
NCBI:	NP_001004037
GeneID:	445525
Host / Isotype:	Rabbit / IgG
Immunogen:	Phospholipase A2 isolated and purified from porcine pancreas. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilized hyperimmune IgG fraction Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin – Marker: N-Hydroxysuccinimidobiotin. Conjugation procedure: A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilised to assure stability and long shelf life Molar Ratio: Biotin/IgG ~6.1 Reconstitution: Restore by adding 1.0 ml of sterile distilled water
Applications:	Can be used in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and immunofluorescence or histochemical techniques). Recommended working dilutions: vary widely, but may be between 1/10000 and 1/100000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Biotin-conjugated IgG fraction of polyclonal rabbit antiserum to phospholipase A2 from porcine pancreas. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.