

AP21374BT-N**Polyclonal Antibody to Phospholipase A2 - Biotin**

Alternate names:	Crotoxin basic chain 1, Crotoxin basic chain 2, Phosphatidylcholine 2-acylhydrolase, Phospholipase A2 CB1, Phospholipase A2 CB2
Quantity:	1 ml
Concentration:	10,0 mg/ml
Uniprot ID:	P62022
NCBI:	8732
Host / Isotype:	Rabbit / IgG
Immunogen:	Phospholipase A2 isolated and purified from Crotalus durissus terrificus venom. Freund's 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 ~4.7 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 1/1000 and 1/20000. 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 Crotalus durissus terrificus venom. 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.