

Product datasheet for **AP21377BT-N**

Phospholipase D Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP, R, WB
Recommended Dilution:	This product is intended for use in precipitating and non-precipitating antibody-binding assays such as e.g., ELISA and Western blotting and Immunofluorescence or histochemical techniques. <u>Working Dilutions:</u> vary widely, but may be between 1/1000 and 1/20000.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Phospholipase D isolated and purified from Cabbage. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Biotin-conjugated IgG fraction of polyclonal Rabbit antiserum to Phospholipase D from Cabbage. 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. Cross-reactivities against enzymes of other sources may occur but have not been determined.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin State: Lyophilized Hyperimmune IgG fraction Molar ratio: Biotin/IgG ~5.5
Reconstitution Method:	Restore by adding 1.0 ml of sterile distilled water
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
Conjugation:	Biotin



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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.
Stability:	Shelf life: one year from despatch.
Database Link:	O82549
Background:	Phospholipase D (EC=3.1.4.4) is an enzyme involved in lipid degradation by hydrolyzing glycerol phospholipids. Involved in many cellular process including phytohormone action, membrane deterioration, senescence and more.
Synonyms:	Phospholipase D alpha 1, Phospholipase D alpha 2, Choline phosphatase 1, Choline phosphatase 2, PLD1, PLD-1, PLD2, PLD-2