

Product datasheet for **AP31908PU-N**

PLA2G1B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from internal part of Human PLA2G1B protein.
Specificity:	This antibody reacts with the 16 kDa Human PLA2G1B protein.
Formulation:	0.1M Tris, 0.1M Glycine, 2% Sucrose State: Purified State: Lyophilized powder Preservative: None
Reconstitution Method:	Restore in distilled water
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibody at 2-4°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: Six months from despatch.
Gene Name:	phospholipase A2 group IB
Database Link:	Entrez Gene 5319 Human P04054



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Background:

Phospholipase A2 (EC 3.1.1.4) catalyzes the release of fatty acids from glycerol-3-phosphocholines. The best known varieties are the digestive enzymes secreted as zymogens by the pancreas of mammals. Sequences of pancreatic PLA2 enzymes from a variety of mammals have been reported. One striking feature of these enzymes is their close homology to venom phospholipases of snakes. Other forms of PLA2 have been isolated from brain, liver, lung, spleen, intestine, macrophages, leukocytes, erythrocytes, inflammatory exudates, chondrocytes, and platelets (Seilhamer et al., 1986 [PubMed 3028739]).

Synonyms:

PLA2G1B, PLA2, PLA2A, PPLA2, Phospholipase A2, Group IB phospholipase A2