

Cat. No:	ABN09315
Conjugate:	Unconjugated
Size:	100 μ L
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human PLA2G4C. AA range:301-350
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight:	70kDa
Purification:	Affinity purification
Synonyms:	PLA2G4C; Cytosolic phospholipase A2 gamma; cPLA2-gamma; Phospholipase A2 group IVC
Background:	<p>This gene encodes a protein which is a member of the phospholipase A2 enzyme family which hydrolyzes glycerophospholipids to produce free fatty acids and lysophospholipids, both of which serve as precursors in the production of signaling molecules. The encoded protein has been shown to be a calcium-independent and membrane bound enzyme. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2009],catalytic activity:Phosphatidylcholine + H(2)O = 1-acylglycerophosphocholine + a carboxylate.,enzyme regulation:Not regulated by calcium.,function:Has a preference for arachidonic acid at the sn-2 position of phosphatidylcholine as compared with palmitic acid.,similarity:Contains 1 PLA2c domain.,tissue specificity:Highly expressed in heart and skeletal muscle.,</p>
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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