

cPLA2- γ rabbit pAb**Cat#: orb770706 (Manual)**

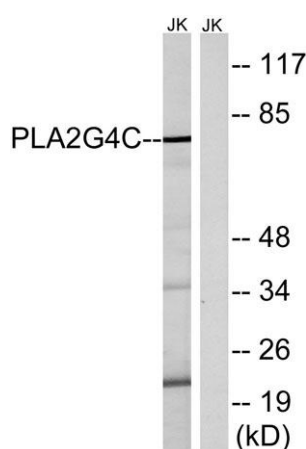
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Product Name	cPLA2- γ rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PLA2G4C. AA range:301-350
Specificity	cPLA2- γ Polyclonal Antibody detects endogenous levels of cPLA2- γ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytosolic phospholipase A2 gamma
Gene Name	PLA2G4C
Cellular localization	Cell membrane ; Lipid-anchor . Endoplasmic reticulum membrane ; Lipid-anchor. Mitochondrion membrane ; Lipid-anchor. Lipid droplet . Translocates from endoplasmic reticulum to lipid droplets in response to oleate. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

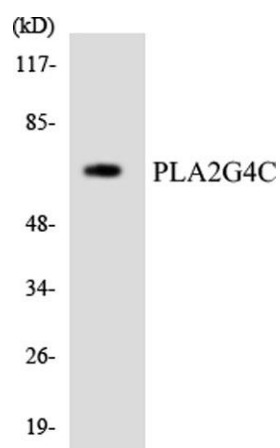
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	8605
Human Swiss-Prot Number	Q9UP65
Alternative Names	PLA2G4C; Cytosolic phospholipase A2 gamma; cPLA2-gamma; Phospholipase A2 group IVC

Background

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],



Western blot analysis of lysates from Jurkat cells, using PLA2G4C Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using PLA2G4C antibody.