

Anti-cPLA2 Rabbit pAb



WL02539

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-cPLA2 Rabbit pAb		
Source	Rabbit		
Species reactivity	Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	Cytosolic phospholipase A2 (cPLA2) is a ubiquitously distributed enzyme that catalyzes the hydrolysis of the sn-2 acyl bond of glycerolipids to produce lysophospholipids and release arachidonic acid. Tumor cells often serve as sources for cPLA2 alpha activity. cPLA2 alpha is synthesized in the cytosol where, upon activation, it translocates to sites containing cell membranes, including the Golgi, ER and nuclear membrane. This translocation allows for enzymatic action on membrane phospholipids, generating free arachidonic acid that is converted into proinflammatory eicosanoids.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of cPLA2.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

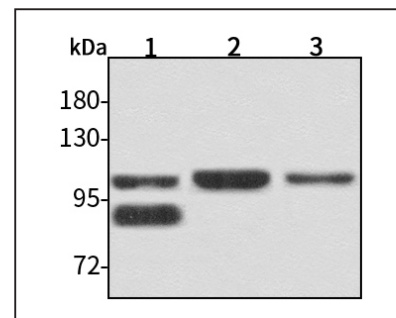
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Product Images



Western blot-Anti-cPLA2 pAb

Lane 1: Mouse liver cell lysate

Lane 2: Mouse brain cell lysate

Lane 3: Rat lung cell lysate

All lanes: Anti-cPLA2 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 85 kDa

Observed band size: 100 kDa