

cPLA2 Rabbit mAb (AR1992)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse
Applications:	WB, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	85kDa (Calculated) 95kDa (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	PLA2G4A
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Protein Name	Cytosolic phospholipase A2
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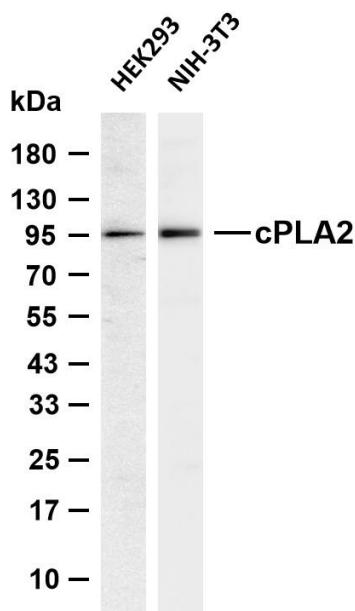
Organism	Gene ID	UniProt ID
Human	5321	P47712
Mouse	18783	P47713
Rat		P50393

Cellular Localization	Cytoplasm. Golgi apparatus membrane. Nucleus envelope. Translocates to intracellular membranes in a calcium-dependent way.
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Tissue specificity	Expressed in various cells and tissues such as macrophages, neutrophils, fibroblasts and lung endothelium. Expressed in
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platelets (at protein level) (PubMed:25102815).

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-cPLA2 antibody. The HRP-conjugated Goat anti Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: HEK293

Lane 2: NIH-3T3

Predicted band size: 85kDa

Observed band size: 95kDa

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