9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Phospholipase A2 activating protein Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1267

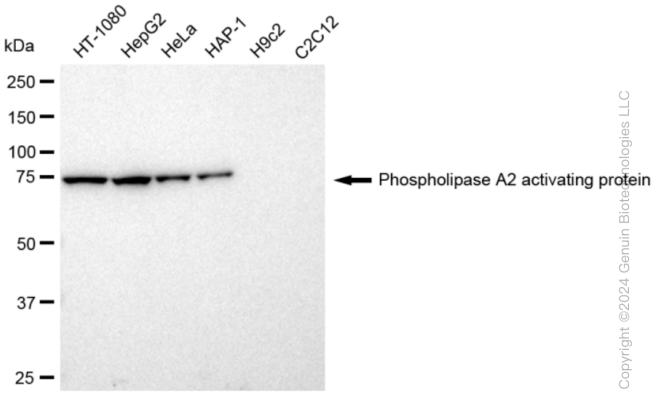
Product Overview

Name	KD-Validated Anti-Phospholipase A2 activating protein Rabbit Monoclonal Antibody
Accession(Primary)	Q9Y263
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PLAP
Species Reactivity	Human
Calculated MW	Predicted, 87 kDa , observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9Y263)

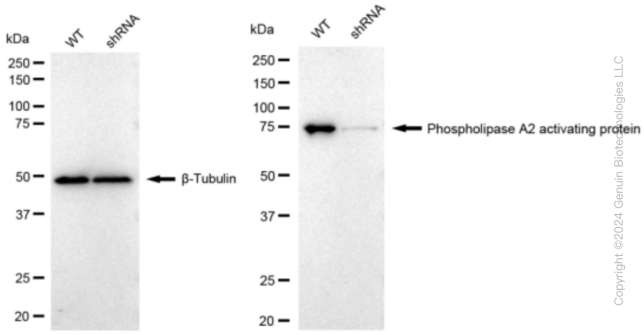
Gene Name	PLAA
About Gene Symbol	PLAA (Phospholipase A2 Activating Protein) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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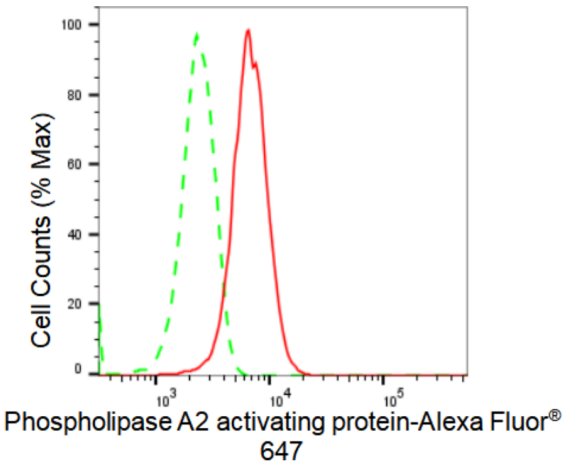
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Western blotting analysis using anti-Phospholipase A2 activating protein antibody (Cat#ABG1267). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Phospholipase A2 activating protein antibody (Cat#ABG1267, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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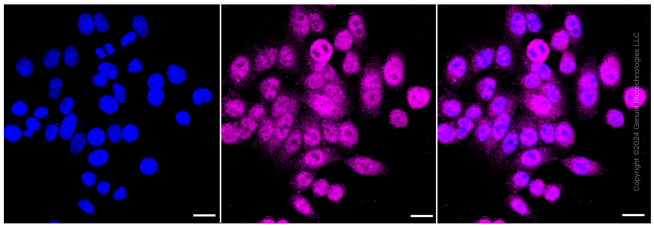
Western blotting analysis using anti-Phospholipase A2 activating protein antibody (Cat#ABG1267). Phospholipase A2 activating protein expression in wild type (WT) and phospholipase A2 activating protein shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Phospholipase A2 activating protein antibody (Cat#ABG1267, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Phospholipase A2 activating protein expression in HepG2 cells using Phospholipase A2 activating protein antibody (Cat#ABG1267, 1:2,000). Green, isotype control; red, Phospholipase A2 activating protein.

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Immunocytochemical staining of HepG2 cells with Phospholipase A2 activating protein antibody (Cat#ABG1267, 1:1,000). Nuclei were stained blue with DAPI; Phospholipase A2 activating protein was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.