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anti-PLA2G7 antibody (AA 200-228)

Images



Publication



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Alternative Name:

Quantity:	400 μL	
Target:	PLA2G7 (Lp-PLA2)	
Binding Specificity:	AA 200-228	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PLA2G7 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This PLA2G7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-228 amino acids from the Central region of human PLA2G7.	
Clone:	RB21322	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		

PLA2G7 (Lp-PLA2 Products)

Target Details

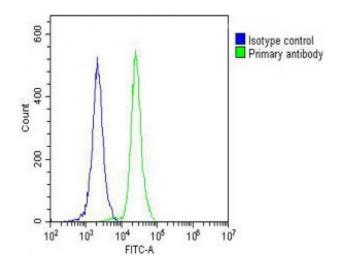
rarget Details		
Background:	The protein encoded by this gene is a secreted enzyme that catalyzes the degradation of platelet-activating factor to biologically inactive products. Defects in this gene are a cause of platelet-activating factor acetylhydrolase deficiency.	
Molecular Weight:	50077	
Gene ID:	7941	
NCBI Accession:	NP_001161829, NP_005075	
UniProt:	Q13093	
Pathways:	Peptide Hormone Metabolism	
Application Details		
Application Notes:	WB: 1:2000. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25. IHC-P: 1:10~50. FC: 1:25	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	

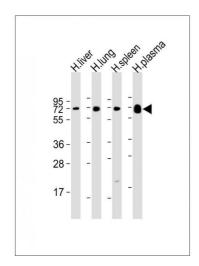
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	

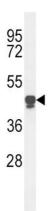
Publications

Product cited in:

Tian, Ding, You, Li, Liu, Wu, Sun, Xu: "Leiomodin-3-deficient mice display nemaline myopathy with fast-myofiber atrophy." in: **Disease models & mechanisms**, Vol. 8, Issue 6, pp. 635-41, (2015) (PubMed).







Flow Cytometry

Image 1. Overlay histogram showing HL-60 cells stained with C (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (C, 1:25 dilution) for 60 min at 37%C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37%C. Isotype control antibody (blue line) was rabbit IgG (1 mg/1x10% cells) used under the same conditions. Acquisition of >10,000 events was performed.

Western Blotting

Image 2. All lanes: Anti-PLA2G7 Antibody (Center) at 1:2000 dilution Lane 1: human liver lysate Lane 2: human lung lysate Lane 3: human spleen lysate Lane 4: human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 50 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 3. Western blot analysis of PLA2G7 Antibody (Center) (ABIN653776 and ABIN2843066) in HL-60 cell line lysates (35 μ g/lane). PLA2G7 (arrow) was detected using the purified Pab.

Please check the product details page for more images. Overall 6 images are available for ABIN653776.