

PLA2G4A Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 263 of Human PLA2G4A
Form	Liquid
Concentration	0.3 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2546576

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

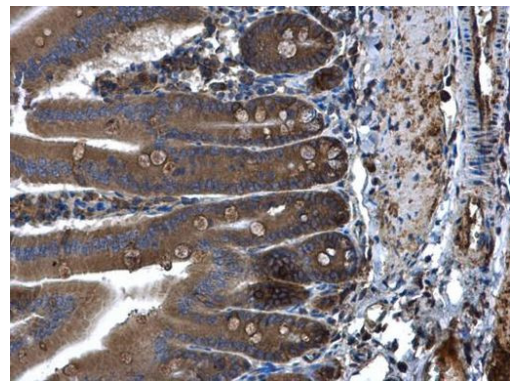
Product Specific Information

Recommended positive controls: Raji, NIH-3T3.

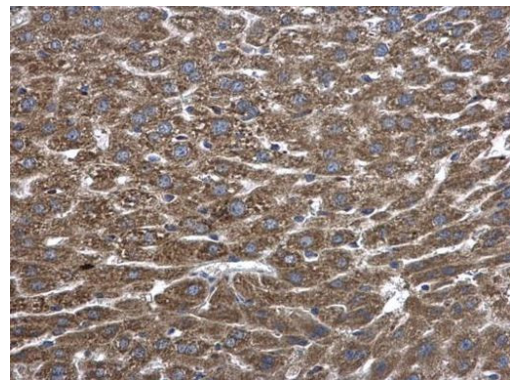
Predicted reactivity: Mouse (95%), Rat (95%), Rabbit (92%), Bovine (92%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

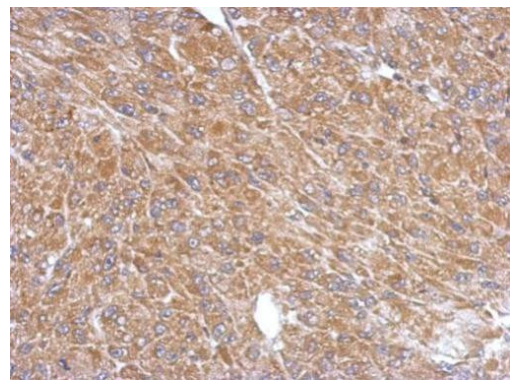
Product Images For PLA2G4A Polyclonal Antibody



PLA2G4A Antibody (PA5-29100) in IHC (P)
Immunohistochemistry (Paraffin) analysis of PLA2G4A was performed in paraffin-embedded mouse duodenum tissue using PLA2G4A Polyclonal Antibody (Product # PA5-29100) at a dilution of 1:500.



PLA2G4A Antibody (PA5-29100) in IHC (P)
Immunohistochemistry (Paraffin) analysis of PLA2G4A was performed in paraffin-embedded mouse liver tissue using PLA2G4A Polyclonal Antibody (Product # PA5-29100) at a dilution of 1:500.



PLA2G4A Antibody (PA5-29100) in IHC (P)
Immunohistochemical analysis of paraffin-embedded U87 xenograft, using PLA2G4A (Product # PA5-29100) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.

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Western Blot (2)

Frontiers in microbiology	Year 2023
The DNA adenine methylase of <i>Salmonella</i> Enteritidis promotes their intracellular replication by inhibiting arachidonic acid metabolism pathway in macrophages.	
"Published figure using PLA2G4A polyclonal antibody (Product # PA5-29100) in Western Blot"	
Authors: Wang M,Xiong D,Wang X,Gu D,Meng C,Jiao X,Pan Z	
Science (New York, N.Y.)	Year 2020
The nucleus acts as a ruler tailoring cell responses to spatial constraints.	Species Mouse
"PA5-29100 was used in Western Blotting to find that cells measure the degree of spatial confinement by using their nucleus."	
Authors: Lomakin AJ,Cattin CJ,Cuvelier D,Alraies Z,Molina M,Nader GPF,Srivastava N,Sáez PJ,Garcia-Arcos JM,Zhitnyak IY,Bhargava A,Driscoll MK,Welf ES,Fiolka R,Petrie RJ,De Silva NS,González-Granado JM,Manel N,Lennon-Duménil AM,Müller DJ,Piel M	

Immunohistochemistry (1)

Biochimica et biophysica acta	Year 2016
Lipid fingerprint image accurately conveys human colon cell pathophysiologic state: A solid candidate as biomarker.	Species Human
"PA529100 was used in immunohistochemistry to use cell lipid fingerprinting to predict the physiological and pathological status of a cell"	Dilution 1:1500
Authors: Bestard-Escalas J,Garate J,Maimó-Barceló A,Fernández R,Lopez DH,Lage S,Reigada R,Khorrami S,Ginard D,Reyes J,Amengual I,Fernández JA,Barceló-Coblijn G	

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