

Rabbit anti-Human PLA2G4B Polyclonal Antibody | anti-PLA2G4B antibody

PLA2G4B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243459	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PLA2G4B; Polyclonal Antibody; PLA2G4B Antibody; Cytosolic phospholipase A2 beta (cPLA2-beta) (EC 3.1.1.4) (Phospholipase A2 group IVB); anti-PLA2G4B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-PLA2G4B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Cytosolic phospholipase A2 beta protein (514-781AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA243459 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA243459 diluted at 1:300 and staining in paraffin-embedded human liver tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: 293T whole cell lysate, MCF-7 whole cell lysate, 293 whole cell lysate, K562 whole cell lysateAll lanes: POC869 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 88, 101, 55, 115 kDaObserved band size: 88 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLA2G4B antibody	Immunology
---	------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	167860120
NCBI GeneID	100137049
NCBI Accession #	NP_001108105.1
NCBI GenBank Nucleotide #	NM_001114633.1
UniProt Accession #	POC869; O95712; Q19KD5; Q19KD6; Q59GF9; Q8TB10; Q9UKV7; B4DRT9
Molecular Weight	114,121 Da
NCBI Official Full Name	cytosolic phospholipase A2 beta
NCBI Official Synonym Full Names	phospholipase A2, group IVB (cytosolic)
NCBI Official Symbol	PLA2G4B
NCBI Official Synonym Symbols	HsT16992; cPLA2-beta
NCBI Protein Information	cytosolic phospholipase A2 beta
UniProt Protein Name	Cytosolic phospholipase A2 beta
UniProt Gene Name	PLA2G4B
UniProt Synonym Gene Names	cPLA2-beta
UniProt Entry Name	PA24B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pla2g4b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/243459>