

Rabbit anti-Human PLA2G6 Polyclonal Antibody | anti-PLA2G6 antibody

PLA2G6 Antibody (Center)

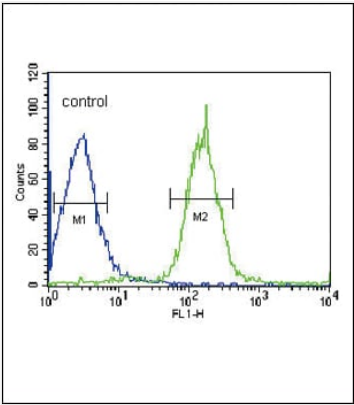
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286331	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

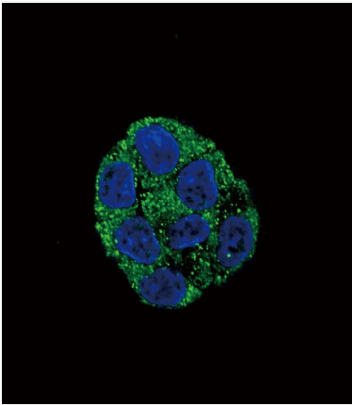
PLA2G6; Polyclonal Antibody; PLA2G6 Antibody (Center); 85/88 kDa calcium-independent phospholipase A2; Cal-PLA2; Group VI phospholipase A2; GVI PLA2; Intracellular membrane-associated calcium-independent phospholipase A2 beta; iPLA2-beta; Patatin-like phospholipase domain-containing protein 9; PNPLA9; PLPLA9; anti-PLA2G6 antibody

PRODUCT SPECIFICATIONS

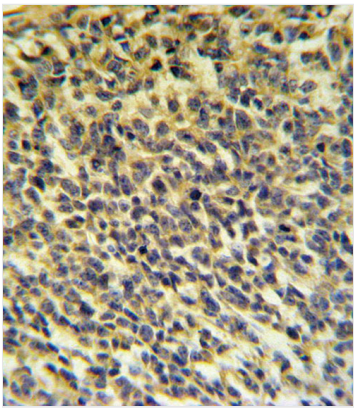
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PLA2G6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 551-580 amino acids from the Central region of human PLA2G6.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	551-580
Sequence Length	752
Applicable Applications for anti-PLA2G6 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



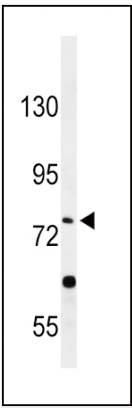
FCM/FACS (Flow Cytometry)
PLA2G6 Antibody (Center) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of PLA2G6 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
PLA2G6 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PLA2G6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PLA2G6 Antibody (Center) in HepG2 cell line lysates (35ug/lane). PLA2G6 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PLA2G6 antibody	The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodelling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells.
Product Categories/Family for anti-PLA2G6 antibody	Signal Transduction
References	Ayilavarapu, S., et al. J. Immunol. 184(3):1507-1515(2010) Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Tan, E.K., et al. Ann. Neurol. 67 (1), 148 (2010) Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	52486251
NCBI GeneID	8398
NCBI Accession #	NP_001004426.1; NP_001186491.1; NP_003551.2
NCBI GenBank Nucleotide #	NM_001004426.1
UniProt Accession #	O60733; O75645; Q8N452; Q9UG29; Q9UIT0; Q9Y671; A8K597; B0QYE8

Molecular Weight	89903
NCBI Official Full Name	85/88 kDa calcium-independent phospholipase A2 isoform b
NCBI Official Synonym Full Names	phospholipase A2, group VI (cytosolic, calcium-independent)
NCBI Official Symbol	PLA2G6
NCBI Official Synonym Symbols	GVI; PLA2; INAD1; NBIA2; iPLA2; NBIA2A; NBIA2B; PARK14; PNPLA9; Cal-PLA2; IPLA2-VIA; iPLA2beta
NCBI Protein Information	85/88 kDa calcium-independent phospholipase A2
UniProt Protein Name	85/88 kDa calcium-independent phospholipase A2
UniProt Gene Name	PLA2G6
UniProt Synonym Gene Names	PLPLA9; Cal-PLA2; GVI PLA2; iPLA2-beta; PNPLA9
UniProt Entry Name	PLPL9_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pla2g6-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/286331>