

Rabbit PLA2G4 / PLA2G4A Polyclonal Antibody | anti-PLA2G4 antibody

Rabbit Polyclonal (IgG) to Human PLA2G4 / PLA2G4A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51587	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

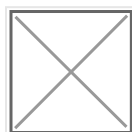
PRODUCT SYNONYMS

PLA2G4 / PLA2G4A; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human PLA2G4 / PLA2G4A; Anti-PLA2G4 / PLA2G4A Antibody (aa471-520) IHC-plus; CPLA2; CPLA2-alpha; Cytosolic phospholipase A2; Lysophospholipase; Phospholipase A2 group IVA; Human PLA2G4; PLA2G4A; anti-PLA2G4 antibody

PRODUCT SPECIFICATIONS

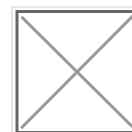
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	c-PLA2 Antibody detects endogenous levels of total c-PLA2 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	749
Applicable Applications for anti-PLA2G4 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human c-PLA2 (aa471-520).
Immunogen	PLA2G4 / PLA2G4A antibody was raised against synthetic peptide from human c-PLA2 (aa471-520).
Antigen Modification	aa471-520
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot of extracts from HeLa cells, treated with TNF- α 20 ng/ml 30'; using c-PLA2 Antibody. The lane on the right is treated with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence of HUVEC cells, using c-PLA2 Antibody. The picture on the right is treated with the synthesized peptide.

**IHC (Immunohistochemistry)**

Anti-PLA2G4A antibody IHC of human tonsil, mitotic figures. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

**IHC (Immunohistochemistry)**

Anti-PLA2G4A antibody IHC of human uterus, vessels. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLA2G4 antibody

Family: Phospholipase

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943920
NCBI GeneID	5321
NCBI Accession #	NP_077734.1
NCBI GenBank Nucleotide #	NM_024420.2
UniProt Accession #	P47712; Q29R80; B1AKG4
Molecular Weight	85,239 Da
NCBI Official Full Name	cytosolic phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group IVA (cytosolic, calcium-dependent)
NCBI Official Symbol	PLA2G4A
NCBI Official Synonym Symbols	PLA2G4; cPLA2-alpha
NCBI Protein Information	cytosolic phospholipase A2; cPLA2; lysophospholipase; phospholipase A2 group IVA; phosphatidylcholine 2-acylhydrolase; calcium-dependent phospholipid-binding protein
UniProt Protein Name	Cytosolic phospholipase A2
UniProt Gene Name	PLA2G4A
UniProt Synonym Gene Names	CPLA2; PLA2G4; cPLA2
UniProt Entry Name	PA24A_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/pla2g4-pla2g4a-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/51587>