

Rabbit anti-Human PLA2G4A Polyclonal Antibody | anti-PLA2G4A antibody

PLA2G4A Antibody

CATALOG # AAA304247	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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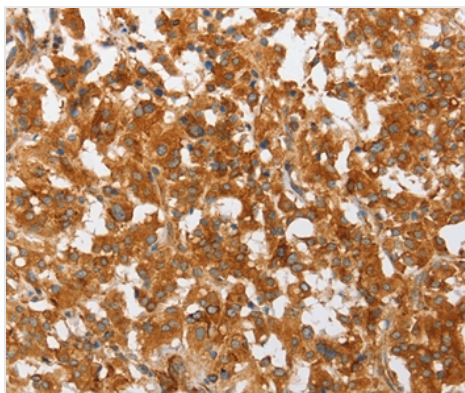
PRODUCT SYNONYMS

PLA2G4A; Polyclonal Antibody; PLA2G4A Antibody; PLA2G4; cPLA2-alpha; anti-PLA2G4A antibody

PRODUCT SPECIFICATIONS

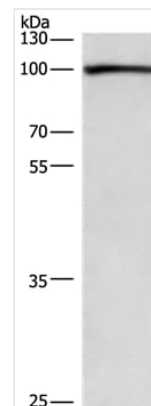
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PLA2G4A protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.3 mg/ml (varies by lot)
Sequence Length	749
Applicable Applications for anti-PLA2G4A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human phospholipase A2, group IVA (cytosolic, calcium-dependent)
Target Name	PLA2G4A
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/50.



Application Data

Gel: 8%SDS-PAGE Lysate: 40ug 293T cell Primary antibody: 1/750 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PLA2G4A antibody	This gene encodes a member of the cytosolic phospholipase A2 group IV family. The enzyme catalyzes the hydrolysis of membrane phospholipids to release arachidonic acid which is subsequently metabolized into eicosanoids. Eicosanoids, including prostaglandins and leukotrienes, are lipid-based cellular hormones that regulate hemodynamics, inflammatory responses, and other intracellular pathways. The hydrolysis reaction also produces lysophospholipids that are converted into platelet-activating factor. The enzyme is activated by increased intracellular Ca(2+) levels and phosphorylation, resulting in its translocation from the cytosol and nucleus to perinuclear membrane vesicles.
Product Categories/Family for anti-PLA2G4A antibody	Total protein Ab

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 isoform 1
NCBI Official Synonym Full Names	phospholipase A2, group IVA (cytosolic, calcium-dependent)
NCBI Official Symbol	PLA2G4A
NCBI Official Synonym Symbols	cPLA2; PLA2G4; cPLA2-alpha
NCBI Protein Information	cytosolic phospholipase A2
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/pla2g4a-antibody-immunohistochemistry-western-blot-elisa/304247>