

Rabbit PLA2G4A Polyclonal Antibody | anti-PLA2G4A antibody

PLA2G4A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170733	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

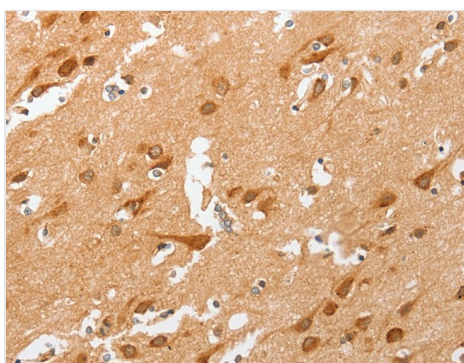
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

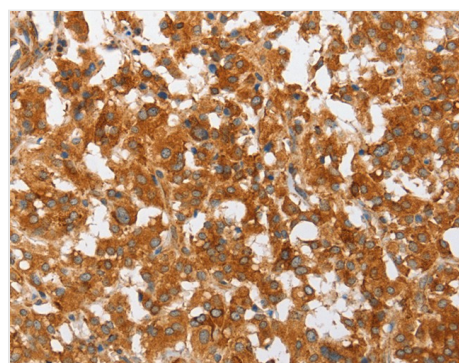
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.3mg/mL (varies by lot)
Sequence Length	749
Applicable Applications for anti-PLA2G4A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human PLA2G4A
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



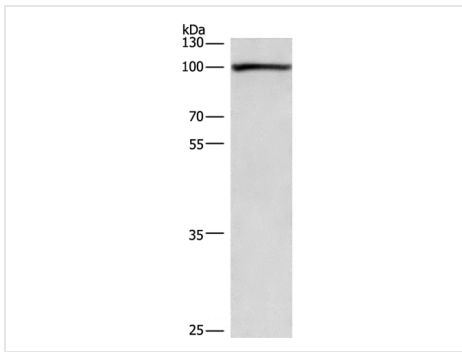
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using PLA2G4A Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using PLA2G4A Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of 293T cell using PLA2G4A Polyclonal Antibody at dilution of 1:750

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171846323
NCBI GeneID	100145731
Molecular Weight	85,413 Da
NCBI Official Full Name	pla2g4a protein
NCBI Official Synonym Full Names	phospholipase A2, group IVA (cytosolic, calcium-dependent)
NCBI Official Symbol	pla2g4a
NCBI Official Synonym Symbols	cPLA2; pla2g4
NCBI Protein Information	cytosolic phospholipase A2; Phospholipase A2 group IVA
UniProt Protein Name	Cytosolic phospholipase A2
UniProt Gene Name	pla2g4a
UniProt Synonym Gene Names	cpla2; pla2g4; cPLA2
UniProt Entry Name	PA24A_XENTR

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/170733>