

PLA1A Polyclonal Antibody

Catalog No: YT3783

Reactivity: Human; Rat; Mouse;

Applications: WB;IHC;IF;ELISA

Target: PLA1A

Fields: >>Glycerophospholipid metabolism;>>Ras signaling pathway

Gene Name: PLA1A

Protein Name: Phospholipase A1 member A

Q53H76

Q8VI78

Human Gene Id: 51365

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

PLA1A. AA range:381-430

Specificity: PLA1A Polyclonal Antibody detects endogenous levels of PLA1A protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 45-50kD

Background: The protein encoded by this gene is a phospholipase that hydrolyzes fatty acids

at the sn-1 position of phosphatidylserine and 1-acyl-2-lysophosphatidylserine. This secreted protein hydrolyzes phosphatidylserine in liposomes. Three transcript variants encoding different isoforms have been found for this

gene.[provided by RefSeq, May 2011],

Function: function: Hydrolyzes the ester bond at the sn-1 position of glycerophospholipids

and produces 2-acyl lysophospholipids. Hydrolyzes phosphatidylserine (PS) in the form of liposomes and 1-acyl-2 lysophosphatidylserine (lyso-PS), but not triolein, phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidic acid (PA) or phosphatidylinositol (PI). Isoform 2 hydrolyzes lyso-PS but not PS. Hydrolysis of lyso-PS in peritoneal mast cells activated by receptors for IgE leads

to stimulate histamine production., similarity: Belongs to the AB hydrolase superfamily. Lipase family., tissue specificity: Widely expressed. Expressed in placenta, prostate and liver. Weakly or not expressed in skin, leukocytes,

platelets, colon, spleen, lung, muscle and kidney.,

Subcellular Location:

Secreted.

Expression: Widely expressed. Expressed in placenta, prostate and liver. Weakly or not

expressed in skin, leukocytes, platelets, colon, spleen, lung, muscle and kidney.

Sort : 12800

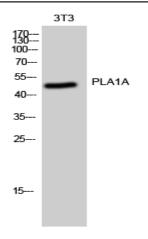
No4:

Host: Rabbit

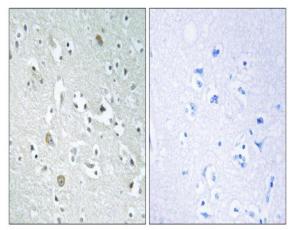
Modifications: Unmodified

Products Images

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Western Blot analysis of 3T3 cells using PLA1A Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using PLA1A Antibody. The picture on the right is blocked with the synthesized peptide.