



PLD1 (Phospho-Ser561) Antibody

E11-0723A

Catalog Number: E11-0723A

Concentration: 1mg/ml

Swiss-Prot No.: Q13393

Other Names: Choline phosphatase 1, EC 3.1.4.4, Phosphatidylcholine-hydrolyzing phospholipase D1, Phospholipase D1

All Sites: Human: Ser561; Mouse: Ser561; Rat: Ser561

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human PLD1 around the phosphorylation site of serine 561 (K-F-S^P-L-Y).

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: PLD1 (Phospho-Ser561) antibody detects endogenous levels of PLD1 only when phosphorylated at serine 561.

Reactivity: Human, Mouse, Rat

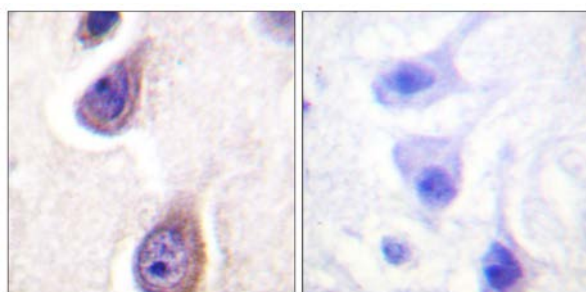
Applications: IHC: 1:50~1:100 IF: 1:100~1:500
ELISA: 1:1000

References:

Nicholas Lehman, Blood, Nov 2006; 108: 3564 - 3572.

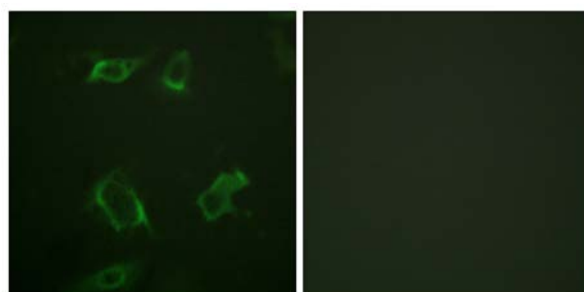
Yoe-Sik Bae, J. Immunol., Apr 2000; 164: 4089.

Maria Zeniou-Meyer, J. Biol. Chem., Jul 2007; 282: 21746 - 21757.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PLD1 (Phospho-Ser561) antibody.



P-peptide - +

Immunofluorescence analysis of HepG2 cells, using PLD1 (Phospho-Ser561) antibody.

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