



PLC β 3 (Phospho-Ser537) Antibody

E11-0722A

Catalog Number: E11-0722A

Concentration: 1mg/ml

Swiss-Prot No.: Q01970

Other Names: 1-phosphatidylinositol-4, 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 3, 5-bisphosphate phosphodiesterase beta 3, EC 3.1.4.11, PLC-beta-3, PLC-beta3, Phospholipase C-beta-3

All Sites: Human: Ser537; Mouse: Ser537; Rat: Ser535

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 PLC β 3 around the phosphorylation site of serine 537 (Q-K-S^P-L-G).

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: PLC β 3 (Phospho-Ser537) antibody detects endogenous levels of PLC β 3 only when phosphorylated at serine 537.

Reactivity: Human, Mouse, Rat

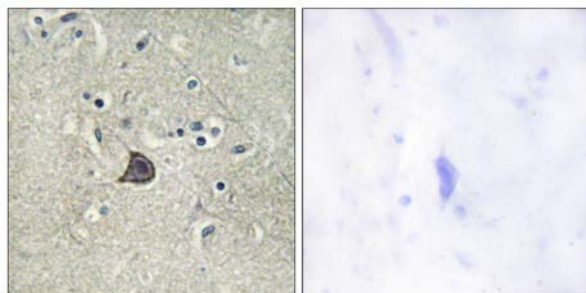
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

References:

Mazuruk K., Biochem. Biophys. Res. Commun. 212:190-195(1995).

Lagercrantz J., Genomics 26:467-472(1995).

Carozzi A.J., Eur. J. Biochem. 210:521-529(1992).

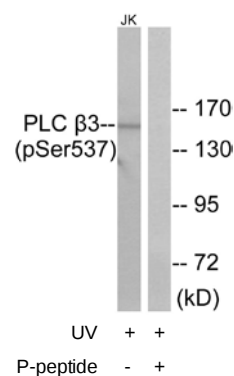


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using PLC β 3 (Phospho-Ser537) antibody.



Western blot analysis of extracts from Jurkat cells, treated with UV (15mins), using PLC β 3 (Phospho-Ser537) antibody.

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