



PDK1 (Phospho-Tyr9) Antibody

E11-8055A

Catalog Number: E11-8055A

Concentration: 1mg/ml

Swiss-Prot No.: O15530

Other Names: 3-phosphoinositide dependent protein kinase-1; EC 2.7.11.1; hPDK1; kinase PDK1; mPDK1; PDPK1; PkB kinase; Protein kinase B kinase

All Sites: Human: Tyr9; Mouse: Tyr9; Rat: Tyr9

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 PDK1 around the phosphorylation site of tyrosine 9 (Q-L-Y^P-D-A).

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: PDK1 (Phospho-Tyr9) antibody detects endogenous levels of PDK1 only when phosphorylated at tyrosine 9.

Reactivity: Human (Identities = 100%, Positives = 100%);
Mouse (Identities = 100%, Positives = 100%);
Rat (Identities = 100%, Positives = 100%)

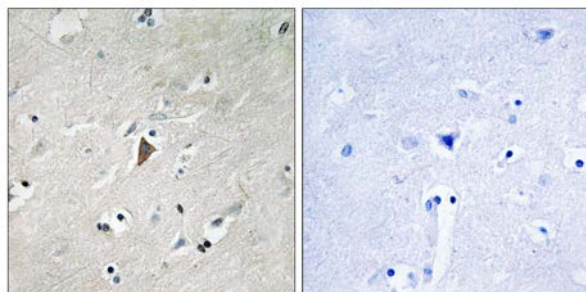
Applications: IHC: 1:50~1:100 ELISA: 1:40000

References:

Alessi D.R., Curr. Biol. 7:261-269(1997).

Alessi D.R., Curr. Biol. 7:776-789(1997).

Stephens L.R., Science 279:710-714(1998).

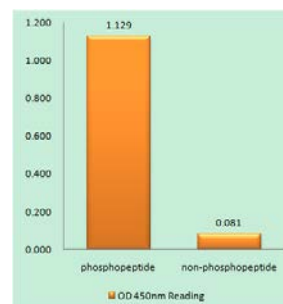


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human brain tissue using PDK1 (Phospho-Tyr9) antibody.



PDK1 (Phospho-Tyr9) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

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