



PDK1 (Phospho-Ser241) Antibody

#14146

Catalog Number: 14146-1, 14146-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : O15530

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human PDK1 around the phosphorylation site of Serine 241

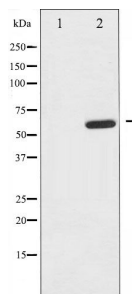
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Phospho-PDK1 (Ser241) Antibody detects endogenous levels of PDK1 only when phosphorylated at Serine 241

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 63kd WB: 1:500~1:2000 IHC: 1:50-200



Western blot analysis of PDK1 phosphorylation expression in EGF treated MDA-MB-435 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Background :

PDK1 an AGC kinase of the PKB family that contains a PH domain. Involved in a wide variety of processes including cell proliferation, differentiation and apoptosis. Autophosphorylation in the activation loop is necessary for activity.