

Anti-PDK1 (Phospho-Tyr9) Antibody



<u>Catalog No.</u>	<u>Size</u>
A100218-01	50 µl
A100218-02	100 µl

Specificity	Anti- PDK1 (Phospho-Tyr9) (human)
Source	Rabbit Polyclonal
Application	IHC ELISA
Form	Liquid, 1 mg/ml

Product

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

Specificity and Sensitivity

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

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human PDK1 around the phosphorylation site of tyrosine 9 (Q-L-YP-D-A). The antibody was affinity-purified by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

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

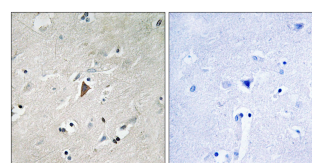
Storage Buffer

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

Storage Instructions

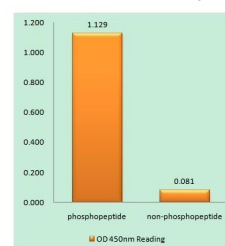
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

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.

Related Products

PW001: Super ECL Assay kit
E030120 : HRP, Goat Anti-Rabbit IgG(H+L)
E030220 : AP, Goat Anti-Rabbit IgG(H+L)
E021010: Anti-GAPDH Mouse Monoclonal Antibody
E021020: Anti-beta Actin Mouse Monoclonal Antibody
E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP