

Anti-PDK1 (Tyr-9), Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:PP1431)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PDK1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:200
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-PDK1 (Tyr-9) synthetic peptide (coupled to carrier protein) corresponds to amino acids surrounding tyrosine 9 in human PDK1. This sequence is highly conserved in rat and mouse PDK1.
Specificity	This antibody was cross-adsorbed to phospho-tyrosine coupled to agarose, then affinity purified using phospho-PDK1 (Tyr-9) peptide. The purified antibody detects a 65 kDa* protein corresponding to the apparent molecular mass of PDK1 on SDS-PAGE immunoblots of human A431 cells treated with EGF, IGF-1, or pervanadate, but not in untreated cells. PDK1 (Tyr-9) reactivity was also observed in adult mouse brain.
Molecular Weight	65
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID O15530

Country of Origin United States

Shipping Blue Ice

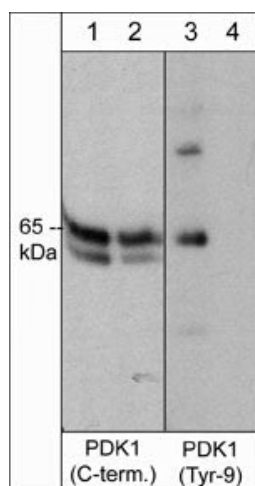
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

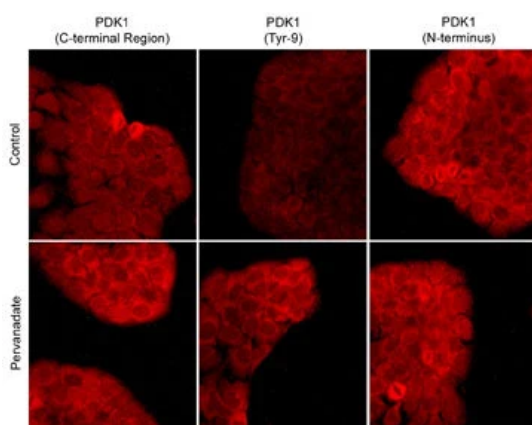
Post Translational Modification Type Phosphorylated

Post Translational Modification Residue Tyr-9

Product Images



Western blot image of A431 cells stimulated with pervanadate (lanes 1 and 3). The blots were then treated with alkaline phosphatase (lanes 2 & 4) then probed with anti-PDK1 (C-terminal region) mouse monoclonal antibody or anti-PDK1 (Tyr-9) (PP1431) rabbit polyclonal antibody.



Immunocytochemical labeling of PDK1 phosphorylation in control and pervanadate-treated A431 cells. The cells were labeled with mouse monoclonal PDK1 (C-terminal Region) (PM1461), rabbit polyclonal PDK1 (Tyr-9) (PP1431), and PDK1 (N-terminus) (PP1411) antibodies. These antibodies were detected using appropriate secondary antibody conjugated to DyLight® 594.

Product Page URL: www.antibodiesinc.com/products/anti-pdk1-tyr-9-phosphospecific-antibody-pp1431



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