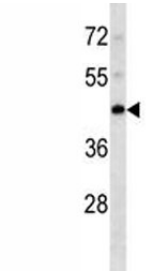
PDK4 Antibody [clone 345CT19.6.2] (F40320)

Catalog No.	Formulation	Size
F40320-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40320-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	345CT19.6.2
Purity	Purified
UniProt	Q16654
Applications	Western blot: 1:100
Limitations	This PDK4 antibody is available for research use only.



PDK4 antibody western blot analysis in K562 lysate. Expected/observed molecular weight ~46 kDa.

Description

This gene is a member of the PDK/BCKDK protein kinase family and encodes a mitochondrial protein with a histidine kinase domain. This protein is located in the matrix of the mitrochondria and inhibits the pyruvate dehydrogenase complex by phosphorylating one of its subunits, thereby contributing to the regulation of glucose metabolism. Expression of this gene is regulated by glucocorticoids, retinoic acid and insulin.

Application Notes

Titration of the PDK4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A purified His-tagged recombinant protein fragment was used to produced this monoclonal PDK4 antibody.

Storage

Aliquot the PDK4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.