

Anti-PDK4 Antibody

Catalog Number: M02132

About PDK4

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 mitochondria 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.

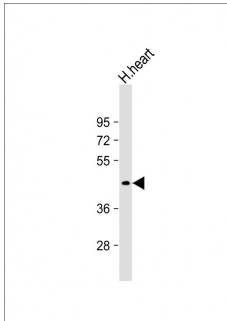
Overview

Product Name	Anti-PDK4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-PDK4 Antibody (Catalog # M02132). Tested in WB application(s). This antibody reacts with Human, Mouse.
Application	WB
Clonality	Monoclonal 345CT19.6.2
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q16654

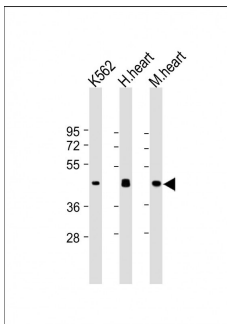
Technical Details

Immunogen	Purified His-tagged PDK4 protein (Fragment) was used to produced this monoclonal antibody.
Predicted Reactive Species	Bovine, Chicken, Horse, Monkey, Pig, Sheep, Xenopus
Isotype	IgG1
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:250

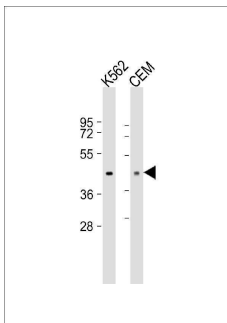
Anti-PDK4 Antibody (M02132) Images



Anti-PDK4 Antibody at 1:1000 dilution + human heart lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.



All lanes : Anti-PDK4 Antibody at 1:500-1:1000 dilution
Lane 1: K562 whole cell lysate
Lane 2: Human heart lysate
Lane 3: Mouse heart lysate
Lysates/proteins at 20 µg per lane.
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.



"All lanes : Anti-PDK4 Antibody at 1:250 dilution
Lane 1: K562 whole cell lysate
Lane 2: CEM whole cell lysate
Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa. Blocking/Dilution buffer: 5% NFD/MTBST."

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-PDK4 Antibody

For Research Use Only. Not for use in diagnostic procedures.