

Anti-PDK1 Antibody

Catalog Number: A01268-2

About PDK1

Key calcium ion sensor involved in the Ca²⁺-triggered synaptic vesicle-plasma membrane fusion. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress By similarity.

Delia J. Hernández-Deviez, Hum. Mol. Genet., Jan 2006; 15: 129 - 142.

Yanchao Huang, FASEB J, Mar 2007; 21: 732 - 742.

Mengfatt Ho, Hum. Mol. Genet., Sep 2004; 13: 1999 - 2010.

Eriko Fujita, Hum. Mol. Genet., Mar 2007; 16: 618 - 629.

Overview

Product Name	Anti-PDK1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PDK1 Antibody catalog # A01268-2. Tested in WB,IHC,IP,Flow Cytometry applications. This antibody reacts with Human,Mouse,Rat.
Application	Flow Cytometry, IP, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q15118

Technical Details

Immunogen	Synthesized peptide derived from human ACBP.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:2,000</p> <p>ICC: 1:50-1:200</p> <p>IHC: 1:50-1:200</p> <p>FC: 1:50-1:100</p>

Anti-PDK1 Antibody (A01268-2) Images

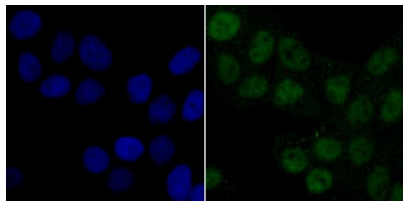


Figure 2. Immunocytochemistry staining of PDK1 using Anti-PDK1 Antibody (A01268-2).

ICC staining PDK1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

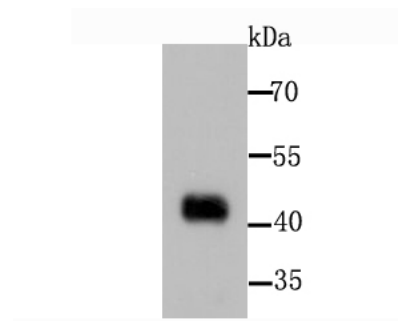


Figure 1. Western blotting validation for Anti-PDK1 Antibody A01268-2

Western blot analysis of PDK1 on rat heart tissue lysate using anti-PDK1 antibody at 1/1

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