

Datasheet for ABIN3028959

anti-PDK2 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	PDK2
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This PDK2 antibody was produced from a mouse immunized with PDK2 recombinant protein.
Clone:	180CT10-2-3
Isotype:	IgG1 kappa
Purification:	Purified

Target Details

Target:	PDK2
Alternative Name:	PDK2 (PDK2 Products)
Background:	Inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.
UniProt:	Q15119

Target Details

Pathways:	PI3K-Akt Signaling, RTK Signaling, Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process, Warburg Effect
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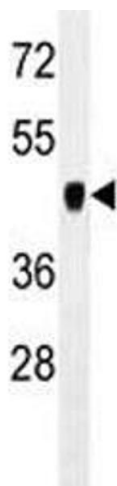
Application Details

Application Notes:	Titration of the PDK2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:100-1:1000
Restrictions:	For Research Use only

Handling

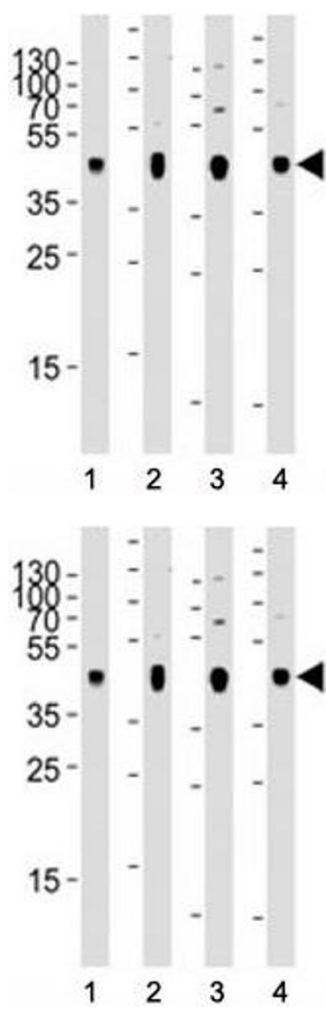
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the PDK2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. PDK2 antibody western blot analysis in mouse cerebellum tissue lysate



Western Blotting

Image 2. Western blot analysis of lysate from 1) human skeletal muscle, 2) human brain, 3) mouse brain, and 4) rat brain tissue using PDK2 antibody at 1:2000 for each lane.

Western Blotting

Image 3. Western blot analysis of lysate from 1) human skeletal muscle, 2) human brain, 3) mouse brain, and 4) rat brain tissue using PDK2 antibody at 1:2000 for each lane.