

Pyruvate Dehydrogenase Phosphatase 2 Polyclonal Antibody (PDP2)

CATALOG #: 3944-200

AMOUNT: 200 µg

LOT #: _____

IMMUNOGEN: Synthetic peptide surrounding amino acid 401 of human PDP 2

INTERNAL ID#: BV-H28G

HOST: Rabbit

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION:

200 µg (0.5 mg/ml) affinity purified rabbit anti-PDP 2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

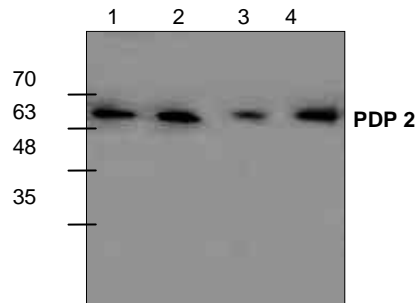
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

PDP2, Pyruvate dehydrogenase phosphatase 2, catalyzes the dephosphorylation and activation of E1 component to reverse the effects of pyruvate dehydrogenase kinases. Pyruvate dehydrogenase (E1) is one of the three components (E1, E2, and E3) of the large pyruvate dehydrogenase complex.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (1-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3944BP-50) is available separately.



Cat.#: 3944-200 PDP2 Antibody.
Western blot analysis of PDP2 with lysate from Jurkat cells (Lane 1 & 2), 3T3 cells (Lane 3) and rat kidney tissue (Lane 4).

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies