

Anti-PDP1 Antibody
Rabbit polyclonal antibody to PDP1
Catalog # AP60198**Specification**

Anti-PDP1 Antibody - Product Information

Application	WB
Primary Accession	O9P0J1
Other Accession	Q3UV70
Reactivity	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61054

Anti-PDP1 Antibody - Additional Information**Gene ID** 54704**Other Names**

PDP; PPM2C; [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1 mitochondrial; PDP 1; Protein phosphatase 2C; Pyruvate dehydrogenase phosphatase catalytic subunit 1; PDPC 1

Target/Specificity

Recognizes endogenous levels of PDP1 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-PDP1 Antibody - Protein Information**Name** PDP1 ([HGNC:9279](#))**Synonyms** PDP, PPM2C**Function**

Mitochondrial enzyme that catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex (PDC), thereby stimulating the conversion of pyruvate into acetyl-CoA.

Cellular Location

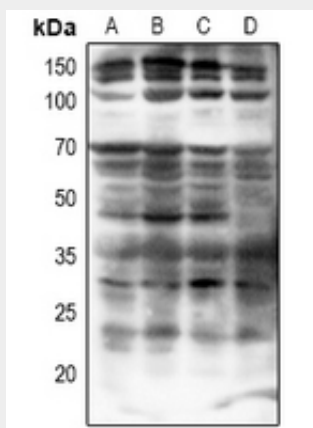
Mitochondrion.

Anti-PDP1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PDP1 Antibody - Images



Western blot analysis of PDP1 expression in U87MG (A), A549 (B), PC3 (C), MCF7 (D) whole cell lysates.

Anti-PDP1 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PDP1. The exact sequence is proprietary.