

**PDP2 Polyclonal Antibody**  
**Catalog # AP73257****Specification**

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**PDP2 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q9P2J9</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**PDP2 Polyclonal Antibody - Additional Information****Gene ID** 57546**Other Names**PDP2; KIAA1348; [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial;  
PDP 2; Pyruvate dehydrogenase phosphatase catalytic subunit 2; PDPC 2**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**PDP2 Polyclonal Antibody - Protein Information****Name** PDP2 ([HGNC:30263](#))**Synonyms** KIAA1348**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 (By similarity). Acts as a crucial regulator of T cell metabolism and function, with a particular focus on T-helper Th17 (By similarity).

**Cellular Location**

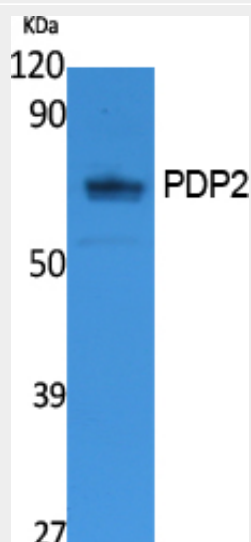
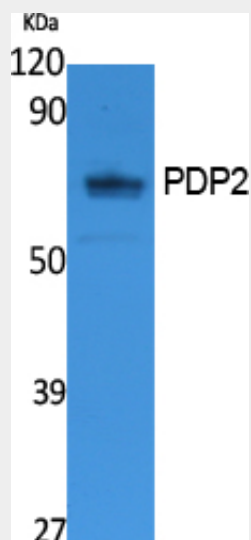
Mitochondrion {ECO:0000250|UniProtKB:O88484}.

**PDP2 Polyclonal 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](#)

### **PDP2 Polyclonal Antibody - Images**



### **PDP2 Polyclonal Antibody - Background**

Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.