

KO-Validated Anti-PDP1 Mouse Oligoclonal Antibody

Mouse oligoclonal antibody

Catalog # AGI2422

Product Information

Application	WB, FC
Primary Accession	Q9P0J1
Reactivity	Rat, Human, Mouse
Clonality	Oligoclonal
Isotype	Mouse IgG
Calculated MW	61054
Gene Name	PDP1
Aliases	PDP1; Pyruvate Dehydrogenase Phosphatase Catalytic Subunit 1; PDP; PPM2A; PPM2C; PDH; [Pyruvate Dehydrogenase [Acetyl-Transferring]]-Phosphatase 1, Mitochondrial; Protein Phosphatase 2C, Magnesium-Dependent, Catalytic Subunit; Protein Phosphatase, Mg ²⁺ /Mn ²⁺ Dependent 2A; EC 3.1.3.43; PDPC 1; Pyruvate Dehydrogenase (Lipoamide) Phosphatase-Phosphatase; Pyruvate Dehydrogenase Phosphatase Catalytic Subunit 1; Protein Phosphatase 2C; EC 3.1.3; PDP 1; PDPC
Immunogen	Recombinant protein of human PDP1

Additional Information

Gene ID	54704
Other Names	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial, PDP 1, 3.1.3.43, Protein phosphatase 2C, Pyruvate dehydrogenase phosphatase catalytic subunit 1, PDPC 1, PDP1 (HGNC:9279), PDP, PPM2C

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.