

PDP1 Recombinant Rabbit mAb

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Catalog # AP94486

Product Information

Application	WB
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG/Kappa
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion matrix (By similarity).
SIMILARITY	Belongs to the PP2C family.
SUBUNIT	Heterodimer of a catalytic (PDP1) and a regulatory (PDPR) subunit (By similarity).
DISEASE	Defects in PDP1 are the cause of pyruvate dehydrogenase phosphatase deficiency (PDP deficiency) [MIM:608782]. PDP deficiency results in lactic acidosis leading to neurological dysfunction.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	PPM2C is a protein similar to members of the protein phosphatase 2C (PP2C) family. It is a catalytic subunit of the mitochondrial matrix phosphatase and is involved in reactivation of the pyruvate dehydrogenase complex.

Additional Information

Dilution	WB=1:500-1000,ICC/IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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