

PDHK1(Phospho Tyr243) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11861
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human PDHK1 (Phospho Tyr243)
Mol wt	47960
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	PDHK1
Synonyms	PDHK1 ;Phospho Tyr243; [Pyruvate dehydrogenase [lipoamide; ; kinase isozyme 1; mitochondrial; EC 2.7.11.2; Pyruvate dehydrogenase kinase isoform 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Pyruvate dehydrogenase (PDH) is a mitochondrial multienzyme complex that catalyzes the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. The enzymatic activity is regulated by a phosphorylation/dephosphorylation cycle. Phosphorylation of PDH by a specific pyruvate dehydrogenase kinase (PDK) results in inactivation. Multiple alternatively spliced transcript variants have been found for this gene.

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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