

PDK2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07031
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PDK2. AA range:260-309
Mol wt	46154
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	PDK2 Antibody
Synonyms	PDK2; PDHK2; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2; mitochondrial; Pyruvate dehydrogenase kinase isoform 2

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

Background

PDK2 encodes a member of the pyruvate dehydrogenase kinase family. Pyruvate dehydrogenase kinase 2 phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of PDK2 may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for PDK2.

Recommended Dilution

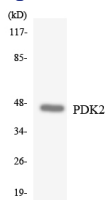
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

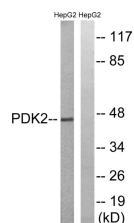
ELISA: 1: 20000

Not yet tested in other applications.

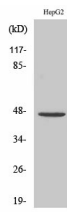
Images



Western blot analysis of the lysates from HepG2 cells using PDK2 antibody.



Western blot analysis of lysates from HepG2 cells, using PDK2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PDK2 Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year

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