

Product Name: PDK2 Rabbit Monoclonal Antibody**Catalog #: AMRe86480**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW:46 kDa; Observed MW:46 kDa

Antigen Information

Gene Name	PDK2
Alternative Names	PDHK2; PDKII
Gene ID	5164
SwissProt ID	Q15119
Immunogen	A synthetic peptide of human PDK2

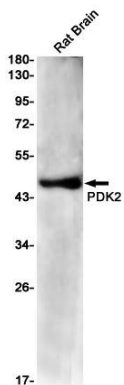
Background

This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this

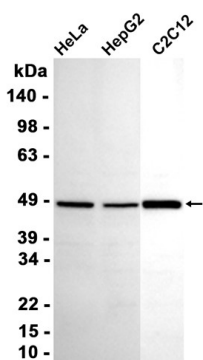
gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]

Research Area

Image Data



Western blot detection of PDK2 in Rat Brain lysates using PDK2 antibody(1:1000 diluted).



Western blot analysis of extracts from HeLa , HepG2 , C2C12 cells using AMRe86480 at 1:1000.