

## PDK4 Antibody (F50056)

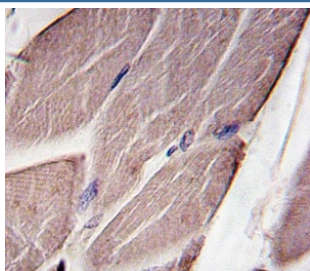
Catalog No.	Formulation	Size
F50056-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50056-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q16654
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
<b>Limitations</b>	This PDK4 antibody is available for research use only.

130  
72  
55  
36  
28  
17

Western blot analysis of PDK4 antibody and CEM lysate. Expected/observed molecular weight ~46 kDa.



IHC analysis of FFPE human skeletal muscle tissue stained with PDK4

## Description

PDK4 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.

## Application Notes

Titration of the PDK4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 250-277 from the human protein was used as the immunogen for this PDK4 antibody.

## Storage

Aliquot the PDK4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.