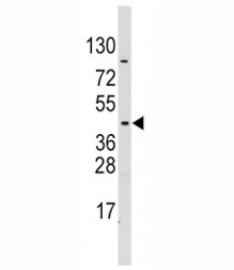
PDK4 Antibody (F50056)

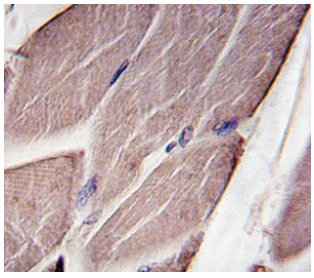
Catalog No.	Formulation	Size
F50056-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50056-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

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



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.

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