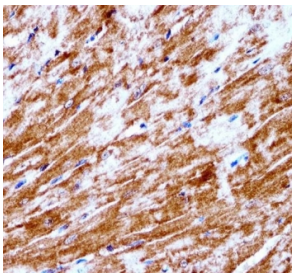
Pyruvate dehydrogenase kinase 2 Antibody / PDK2 (F54683)

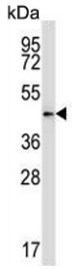
Catalog No.	Formulation	Size
F54683-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54683-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

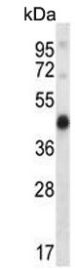
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9JK42
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This Pyruvate dehydrogenase kinase 2 antibody is available for research use only.



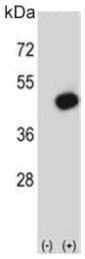
IHC testing of FFPE mouse heart tissue with Pyruvate dehydrogenase kinase 2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HepG2 cell lysate with Pyruvate dehydrogenase kinase 2 antibody. Predicted molecular weight ~46 kDa.



Western blot testing of mouse heart cell lysate with Pyruvate dehydrogenase kinase 2 antibody. Predicted molecular weight ~46 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Pyruvate dehydrogenase kinase 2 antibody. Predicted molecular weight ~46 kDa.

Description

Pdk2 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Pyruvate dehydrogenase kinase 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 78-107 from the mouse protein was used as the immunogen for the Pyruvate dehydrogenase kinase 2 antibody.

Storage

Aliquot the Pyruvate dehydrogenase kinase 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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