

PDK4 Rabbit Polyclonal Antibody

Catalog No: #53564

Package Size: #53564-1 50ul #53564-2 100ul

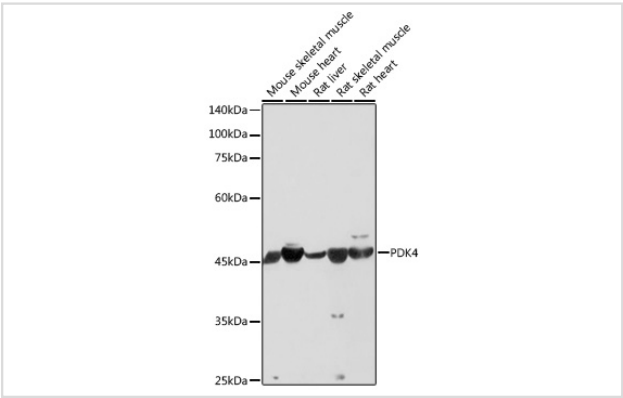
Description

Product Name	PDK4 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PDK4 (NP_002603.1).
Conjugates	Unconjugated
Other Names	PDK4
Accession No.	Swiss Prot:Q16654Gene ID:5166
Calculated MW	46kDa
SDS-PAGE MW	46KDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

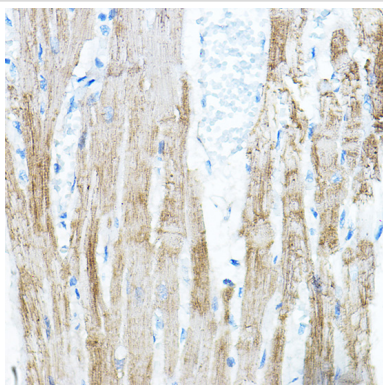
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

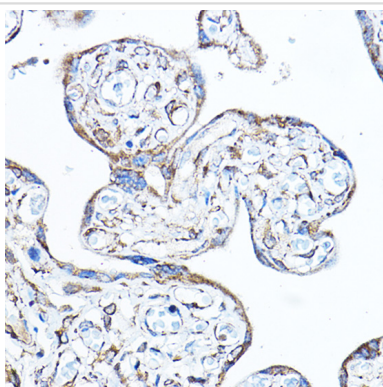
Images



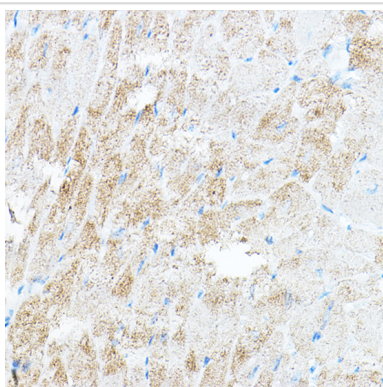
Western blot analysis of extracts of various cell lines, using PDK4 antibody.



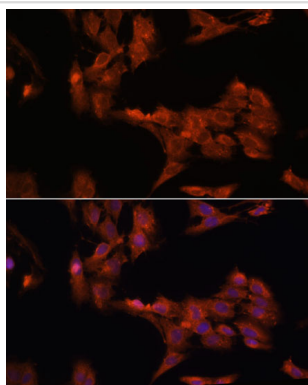
Immunohistochemistry of paraffin-embedded rat heart using PDK4 Rabbit pAb.



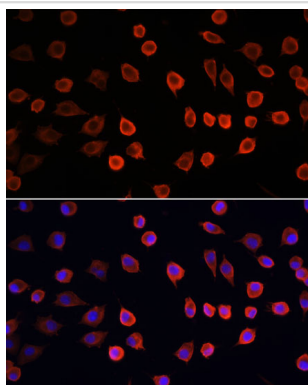
Immunohistochemistry of paraffin-embedded human placenta using PDK4 Rabbit pAb.



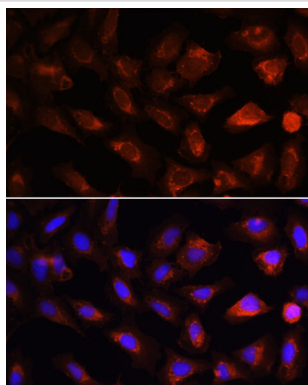
Immunohistochemistry of paraffin-embedded mouse heart using PDK4 Rabbit pAb.



Immunofluorescence analysis of C6 cells using PDK4 antibody.



Immunofluorescence analysis of L929 cells using PDK4 antibody.



Immunofluorescence analysis of U-2 OS cells using PDK4 antibody.

Background

This gene is a member of the PDK/BCKDK protein kinase family and encodes a mitochondrial protein with a histidine kinase domain. This protein is located in the matrix of the mitochondria and inhibits the pyruvate dehydrogenase complex by phosphorylating one of its subunits, thereby contributing to the regulation of glucose metabolism. Expression of this gene is regulated by glucocorticoids, retinoic acid and insulin.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.