

Rabbit PDK4 Polyclonal Antibody | anti-PDK4 antibody

PDK4 Rabbit Polyclonal Antibody

CATALOG # AAA30723	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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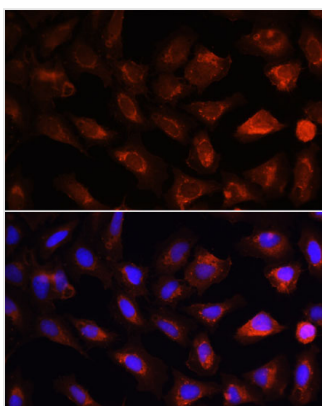
PRODUCT SYNONYMS

PDK4; Polyclonal Antibody; PDK4 Rabbit Polyclonal Antibody; anti-PDK4 antibody

PRODUCT SPECIFICATIONS

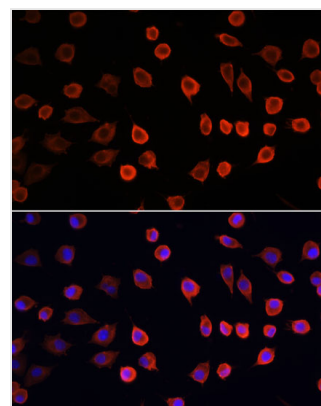
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PDK4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human PDK4 (NP_002603.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



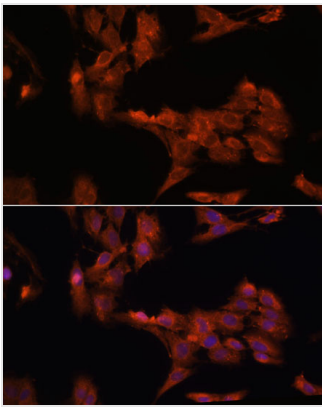
IF (Immunofluorescence)

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



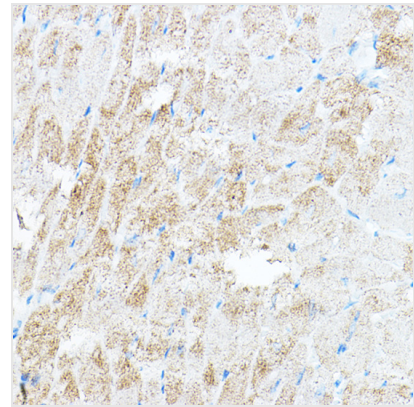
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using PDK4 antibody.



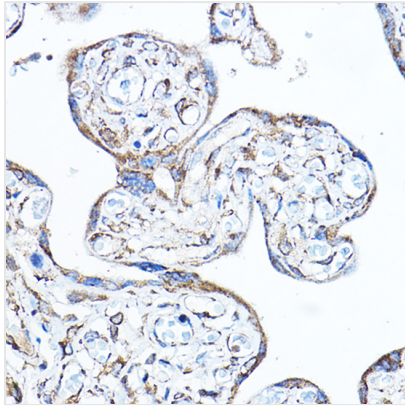
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using PDK4 antibody.



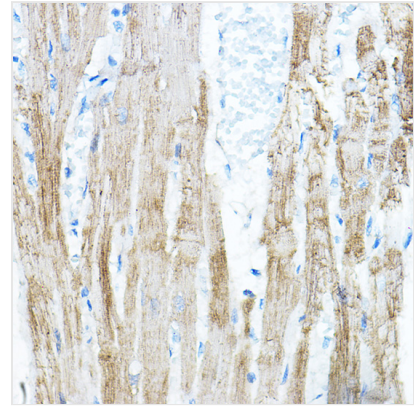
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PDK4 antibody	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.
Product Categories/Family for anti-PDK4 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505693
NCBI GeneID	5166
NCBI Accession #	NP_002603.1
NCBI GenBank Nucleotide #	NM_002612.3
UniProt Accession #	Q16654
Molecular Weight	46,469 Da
NCBI Official Full Name	pyruvate dehydrogenase kinase, isozyme 4
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isozyme 4
NCBI Official Symbol	PDK4

NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 4; pyruvate dehydrogenase kinase, isoenzyme 4; pyruvate dehydrogenase, lipoamide, kinase isozyme 4, mitochondrial; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 4, mitochondrial
UniProt Protein Name	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 4, mitochondrial
UniProt Gene Name	PDK4
UniProt Synonym Gene Names	PDHK4
UniProt Entry Name	PDK4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pdk4-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30723>