

Rabbit anti-Mouse Pdk3 Polyclonal Antibody | anti-Pdk3 antibody

Mouse Pdk3 Antibody (C-term)

CATALOG # AAA286538	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Pdk3; Polyclonal Antibody; Mouse Pdk3 Antibody (C-term); [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3; mitochondrial; Pyruvate dehydrogenase kinase isoform 3; anti-Pdk3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Pdk3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 387-414 amino acids from the C-terminal region of mouse Pdk3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	387-414
Sequence Length	415
Applicable Applications for anti-Pdk3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Mouse Pdk3 Antibody (C-term) (AAA286538) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Pdk3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Mouse Pdk3 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the Pdk3 antibody detected the Pdk3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Pdk3 antibody	Pdk3 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism (By similarity).
Product Categories/Family for anti-Pdk3 antibody	Metabolism; Signal Transduction
References	Pagliarini, D.J., et al. Cell 134(1):112-123(2008) Blackshaw, S., et al. PLoS Biol. 2 (9), E247 (2004) : Visel, A., et al. Nucleic Acids Res. 32 (DATABASE ISSUE), D552-D556 (2004) : Mootha, V.K., et al. Cell 115(5):629-640(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21704122
NCBI GeneID	236900
NCBI Accession #	NP_663605.1
NCBI GenBank Nucleotide #	NM_145630.2
UniProt Accession #	Q922H2; Q8BTX1
Molecular Weight	47923
NCBI Official Full Name	pyruvate dehydrogenase kinase, isozyme 3
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isoenzyme 3
NCBI Official Symbol	Pdk3
NCBI Official Synonym Symbols	AI035637; 2610001M10Rik
NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 3
UniProt Protein Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial
UniProt Gene Name	Pdk3
UniProt Entry Name	PDK3_MOUSE

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://stage.aaabiotech.com/polyclonal/pdk3-antibody-immunohistochemistry-western-blot-elisa/286538>