

Rabbit PDK2 Polyclonal Antibody | anti-PDK2 antibody

Anti-PDK2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45399	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

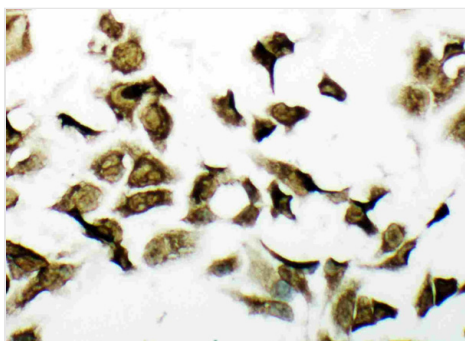
PRODUCT SYNONYMS

PDK2; Polyclonal Antibody; Anti-PDK2 antibody; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2; mitochondrial; pyruvate dehydrogenase kinase; isozyme 2; [Pyruvate dehydrogenase[lipoamide]] kinase isozyme 2 antibody; mitochondrial antibody; PDHK2 antibody; PDK2 antibody; PDK2_HUMAN antibody; Pyruvate dehydrogenase kinase isoform 2 antibody; Pyruvate dehydrogenase kinase; isozyme 2 antibody; Pyruvate dehydrogenase lipoamide kinase isozyme 2; anti-PDK2 antibody

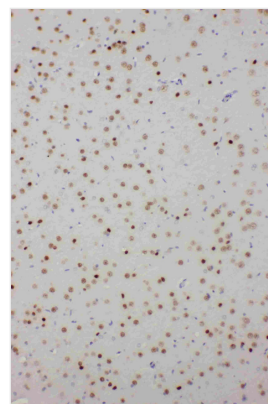
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	407
Applicable Applications for anti-PDK2 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PDK2 (379-392aa WRHYQTIQEAGDWC), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

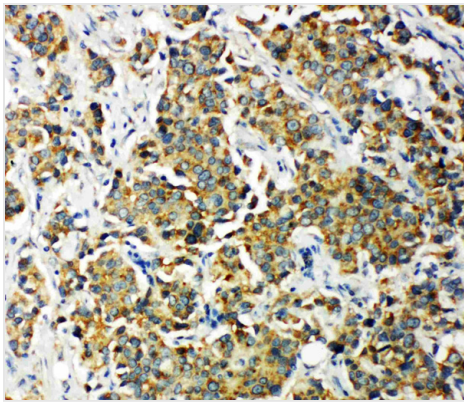
IMAGES



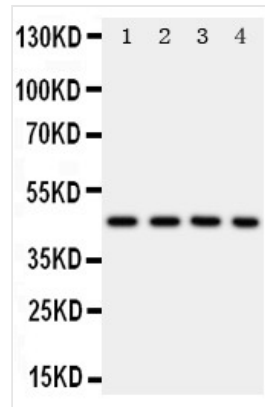
ICC (Immunocytochemistry)
Anti-PDK2 antibody, AAA45399, ICCICC: HELA Cell



IHC (Immunohistochemistry)
Anti-PDK2 antibody, AAA45399, IHC(P)IHC(P): Rat Brain Tissue



IHC (Immunohistochemistry)
Anti-PDK2 antibody, AAA45399, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-PDK2 antibody, AAA45399, Western blottingLane 1: Rat Heart Tissue LysateLane 2: HELA Cell LysateLane 3: SW620 Cell LysateLane 4: MCF-7 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PDK2 antibody

Description: Rabbit IgG polyclonal antibody for[Pyruvate dehydrogenase[lipoamide]] kinase isozyme 2, mitochondrial(PDK2) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat.

Background: PDK2(Pyruvate Dehydrogenase Kinase Isoenzyme 2), is an enzyme that in humans is encoded by the PDK2 gene. To find human PDKs, Gudi et al.(1995) used oligonucleotide primers to screen a human liver cDNA library by PCR. The human PDK2 gene encodes a protein with a predicted molecular mass of 46,181 Da that shares 96% identity with that of the rat PDK2 gene. Northern blot analysis showed that the PDK2 message was found in many tissues, with the highest level in heart and skeletal muscle, intermediate levels in brain, kidney, pancreas and liver, and low levels in placenta and lung.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21431820
NCBI GeneID	5164
UniProt Accession #	Q15119; Q6P515; Q9BS05; A8K3A7; B3KNW0
Molecular Weight	38,864 Da
NCBI Official Full Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
NCBI Official Synonym Full Names	pyruvate dehydrogenase kinase, isozyme 2
NCBI Official Symbol	PDK2
NCBI Official Synonym Symbols	PDHK2; PDKII
NCBI Protein Information	pyruvate dehydrogenase kinase, isozyme 2; PDH kinase 2; pyruvate dehydrogenase kinase, isoenzyme 2; pyruvate dehydrogenase, lipoamide, kinase isozyme 2, mitochondrial; [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
UniProt Protein Name	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
UniProt Gene Name	PDK2
UniProt Synonym Gene Names	PDHK2; PDH kinase 2; PDKII
UniProt Entry Name	PDK2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdk2-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45399>