

Rabbit PDK1 Polyclonal Antibody | anti-PDK1 antibody

PDK1 antibody

CATALOG # AAA224866	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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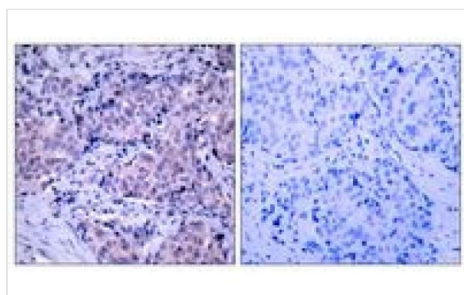
PRODUCT SYNONYMS

PDK1; Polyclonal Antibody; PDK1 antibody; Rabbit polyclonal PDK1 antibody; Polyclonal PDK1 antibody; Anti-PDK1 antibody; isozyme 1 antibody; Isoenzyme 1 antibody; PDK 1; PDK 1 antibody; Pyruvate dehydrogenase kinase antibody; Ab 241 antibody; Mitochondrial pyruvate dehydrogenase kinase isoenzyme1 antibody; PDK-1 antibody; PDK-1; isozyme 1 HGNC:8809 antibody; Pyruvate dehydrogenase kinase isoform 1 antibody; anti-PDK1 antibody

PRODUCT SPECIFICATIONS

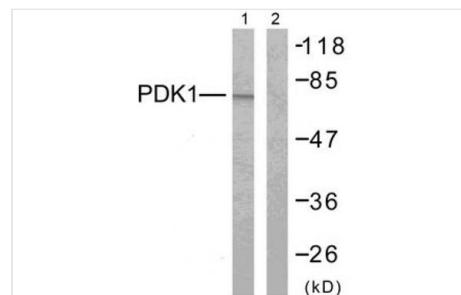
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	129
Applicable Applications for anti-PDK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	PDK1 antibody was raised in Rabbit using the peptide sequence around aa 239–243 (A-N-S-F-V) derived from Human PDK1 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



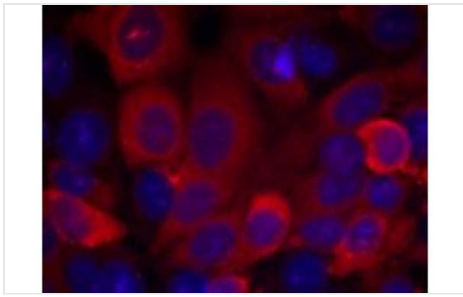
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PDK1 antibody (left) or the same antibody preincubated with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from MCF, 293 and PC12 cells using PDK1 antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed MCF7 cells using PDK1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PDK1 antibody	PDK1 is involved in the regulation of enzymatic activity of mammalian pyruvate dehydrogenase (PDH) that is a part of a mitochondrial multienzyme complex to catalyze the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. PDK1 has been found to serve as an effective therapeutic target for inhibition of glioblastoma growth.
Product Categories/Family for anti-PDK1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	958789364
Molecular Weight	15,124 Da
NCBI Official Full Name	PDK1, partial
UniProt Protein Name	PDK1
UniProt Gene Name	PDK1

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/pdk1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/224866>