

## Rabbit PDK1 Polyclonal Antibody | anti-PDK1 antibody

PDK1 polyclonal antibody

| CATALOG # | HOST   | REACTIVITY                                  | APPLICATIONS                       |
|-----------|--------|---------------------------------------------|------------------------------------|
| AAA77017  | Rabbit | Human, Mouse, Rat, Dog, Pig, Monkey, Rabbit | Western Blot, Immunohistochemistry |

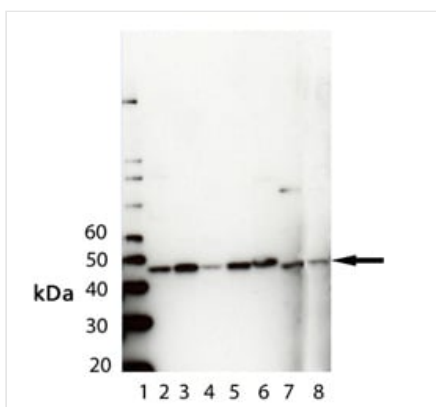
### PRODUCT SYNONYMS

PDK1; Polyclonal Antibody; PDK1 polyclonal antibody; Pyruvate dehydrogenase kinase; pAb; anti-PDK1 antibody

### PRODUCT SPECIFICATIONS

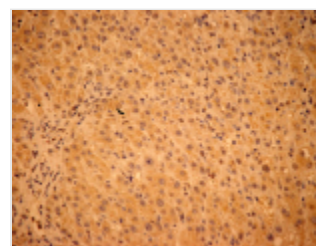
|                                                |                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat, Dog, Pig, Monkey, Rabbit                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                |
| Specificity                                    | Recognizes human, mouse, rat, dog, monkey, pig and rabbit PDK1 (Pyruvate dehydrogenase kinase). Detects a band of ~48kDa by Western blot. |
| Purity/Purification                            | Protein A affinity purified.                                                                                                              |
| Form/Format                                    | Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.                                                                            |
| Sequence Length                                | 436                                                                                                                                       |
| Applicable Applications for anti-PDK1 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                             |
| Immunogen                                      | Synthetic peptide corresponding to a portion of human PDK1 (Pyruvate dehydrogenase kinase-1).                                             |
| Preparation and Storage                        | Long Term: -20 degree C                                                                                                                   |

### IMAGES



#### WB (Western Blot)

Western blot analysis of PDK1, pAb: Lane 1: MW Marker, Lane 2: HeLa Cell Lysate, Lane 3: Rat Brain Lysate, Lane 4: Mouse Brain Lysate, Lane 5: ESK-4 cell Lysate, Lane 6: RK-13 Cell Lysate, Lane 7: MCDK Cell Lysate, Lane 8: Vero Lysate



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of human spleen tissue stained with PDK1, pAb at 10µg/ml.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PDK1 antibody | PDK-1 (Pyruvate dehydrogenase kinase-1) is a 48 kDa protein kinase. It is a member of the mitochondrial matrix protein kinase family and is related to the histidine protein kinases found in prokaryotes. PDK-1 is responsible for phosphorylation and concomitant inactivation of pyruvate dehydrogenase. |
| Product Categories/Family for anti-PDK1 antibody   | Posttranslational Modifications                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 3183117                                                                        |
| NCBI GeneID                      | 5163                                                                           |
| UniProt Accession #              | Q15118; Q308M4; B2R6T1; B7Z937; D3DPD8; E9PD65                                 |
| Molecular Weight                 | 51,623 Da                                                                      |
| NCBI Official Full Name          | [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial |
| NCBI Official Synonym Full Names | pyruvate dehydrogenase kinase 1                                                |
| NCBI Official Symbol             | PDK1                                                                           |
| NCBI Protein Information         | [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial |
| UniProt Protein Name             | [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial |
| UniProt Gene Name                | PDK1                                                                           |
| UniProt Synonym Gene Names       | PDHK1; PDH kinase 1                                                            |

**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-elisa/77017>