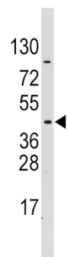
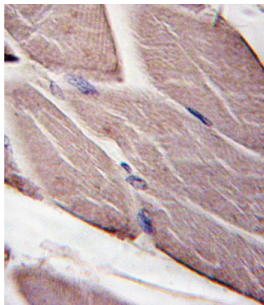


## Pyruvate Dehydrogenase Kinase Isozyme 4 (PDK4) Antibody

Catalogue No.: abx033139



PDK4 inhibits the mitochondrial pyruvate dehydrogenase complex by phosphorylation of the E1 alpha subunit, thus contributing to the regulation of glucose metabolism.

**Target:** Pyruvate Dehydrogenase Kinase Isozyme 4 (PDK4)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 250-277 amino acids from human PDK4.

**Isotype:** IgG

**Form:** Liquid

# Datasheet

Version: 3.0.0  
Revision date: 01 Oct 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification:</b>       | Purified through a protein A column, followed by peptide affinity purification.                                                            |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | Q16654 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>NCBI Accession:</b>     | NP_002603.1                                                                                                                                |
| <b>KEGG:</b>               | hsa:5166                                                                                                                                   |
| <b>String:</b>             | <a href="#">9606.ENSP00000005178</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Calculated MW: 46.5 kDa                                                                                                                    |
| <b>Buffer:</b>             | PBS containing 0.09% sodium azide.                                                                                                         |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

For Reference Only