

# PDPK1 Polyclonal Antibody

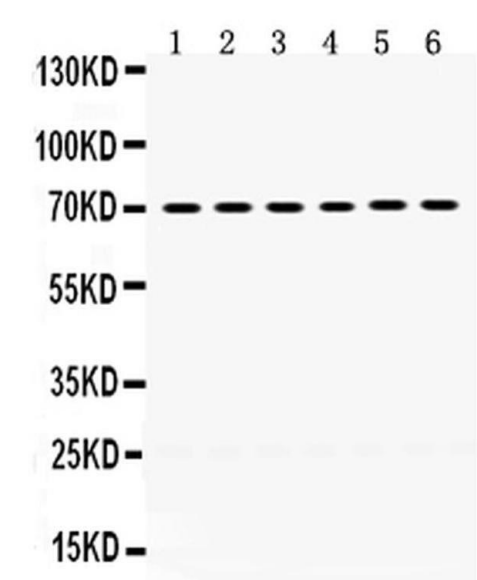
| Product Details    |   |
|--------------------|---|
| Size               | 100 µg  |
| Species Reactivity | Human, Mouse, Rat   |
| Host/Isotype       | Rabbit / IgG  |
| Class              | Polyclonal  |
| Type               | Antibody  |
| Conjugate          | Unconjugated  |
| Immunogen          | A synthetic peptide corresponding to a sequence at the C-terminus of human PDPK1 (524-556aa YLMDPSGNAHKWCRKIQEVWRQRYQSHPDAAVQ). |
| Form               | Lyophilized   |
| Concentration      | 500 µg/mL   |
| Purification       | Antigen affinity chromatography   |
| Storage buffer     | PBS with 5mg BSA  |
| Contains           | 0.05mg sodium azide   |
| Storage conditions | -20°C   |
| RRID               | AB_2746916  |

| Applications                              | Tested Dilution | Publications |
|---|-----------------|--------------|
| Western Blot (WB)                         | 0.1-0.5 µg/mL   | -            |
| Immunohistochemistry (Paraffin) (IHC (P)) | 0.5-1 µg/mL     | -            |
| Immunohistochemistry (Frozen) (IHC (F))   | 0.5-1 µg/mL     | -            |

## Product Specific Information

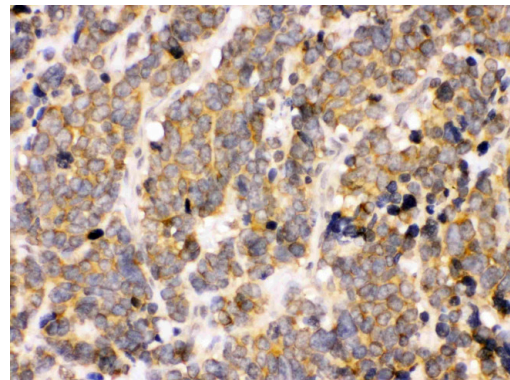
Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

Product Images For PDPK1 Polyclonal Antibody



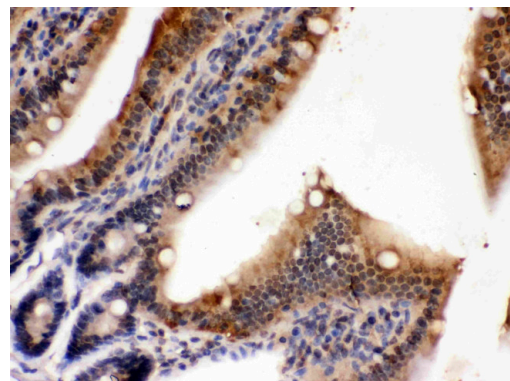
**PDPK1 Antibody (PA5-79801) in WB**

Western blot analysis of PDPK1 in Lane 1: rat liver tissue lysate, Lane 2: rat lung tissue lysate, Lane 3: mouse liver tissue lysate, Lane 4: mouse lung tissue lysate, Lane 5: COLO320 whole cell lysate, Lane 6: MCF-7 whole cell lysate using 50 µg (reducing conditions) per well. Electrophoresis was performed on 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours and protein was transferred to a nitrocellulose membrane at 150mA for 50-90 minutes. Sample was blocked with 5% Non-fat Milk/TBS for 1.5 hours at room temperature, incubated with PDPK1 polyclonal antibody (Product # PA5-79801) at a dilution of 0.5 µg/mL (overnight at 4°C), followed by goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10,000. Signal development was performed using a chemiluminescence (ECL) kit.



**PDPK1 Antibody (PA5-79801) in IHC (P)**

Immunohistochemistry analysis of PDPK1 on paraffin-embedded human lung cancer tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with PDPK1 polyclonal antibody (Product# PA5-79801) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



**PDPK1 Antibody (PA5-79801) in IHC (P)**

Immunohistochemistry analysis of PDPK1 on paraffin-embedded mouse intestine tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with PDPK1 polyclonal antibody (Product# PA5-79801) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.

[View more figures on thermofisher.cn](https://thermofisher.cn)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.