

Datasheet for ABIN2856480  
**anti-Phosducin-Like antibody**



[Go to Product page](#)

4 Images

## Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | Phosducin-Like (PDCL)  |
| Reactivity:  | Human  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This Phosducin-Like antibody is un-conjugated  |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF) |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant protein encompassing a sequence within the center region of human PHLP. The exact sequence is proprietary. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse   |
| Characteristics:  | Rabbit Polyclonal antibody to PHLP (phosducin-like)<br>PHLP antibody   |
| Purification:     | Purified by antigen-affinity chromatography.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | Phosducin-Like (PDCL)                            |
| Alternative Name: | phosducin like ( <a href="#">PDCL Products</a> ) |

## Target Details

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**Background:** Phosducin-like protein is a putative modulator of heterotrimeric G proteins. The protein shares extensive amino acid sequence homology with phosducin, a phosphoprotein expressed in retina and pineal gland. Both phosducin-like protein and phosphoducin have been shown to regulate G-protein signaling by binding to the beta-gamma subunits of G proteins.

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**Molecular Weight:** 34 kDa

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**Gene ID:** 5082

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**UniProt:** [Q13371](#)

## Application Details

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**Application Notes:** WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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**Comment:** Positive Control: H1299

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 mg/mL

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**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

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**Preservative:** Thimerosal (Merthiolate)

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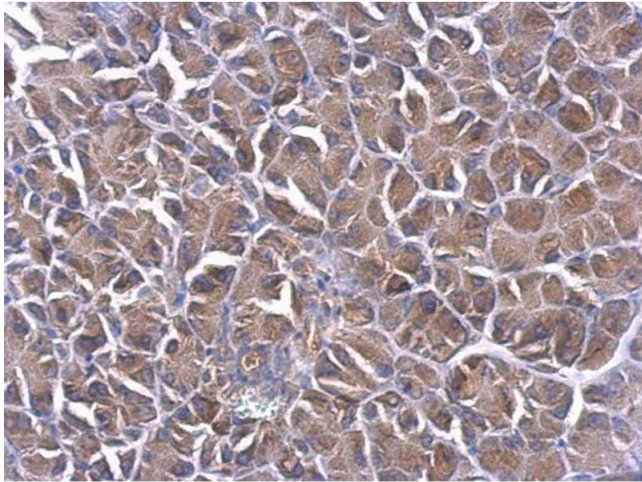
**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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**Storage:** 4 °C,-20 °C

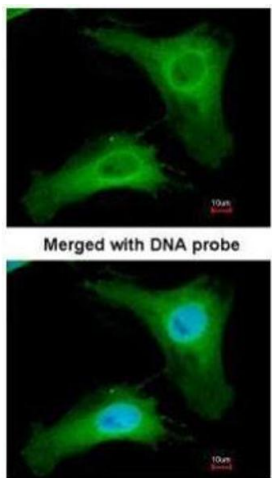
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**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



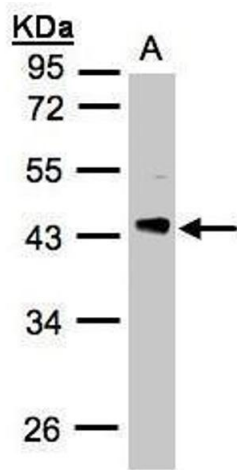
### Immunohistochemistry

**Image 1.** IHC-P Image PHLP antibody detects PHLP protein at cytoplasm on mouse pancreas by immunohistochemical analysis. Sample: Paraffin-embedded mouse pancreas. PHLP antibody , dilution: 1:500.



### Immunofluorescence

**Image 2.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using PHLP, antibody at 1:200 dilution.



### Western Blotting

**Image 3.** WB Image Sample(30 ug whole cell lysate) A:H1299 10% SDS PAGE antibody diluted at 1:3000

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856480.