

## Datasheet for ABIN7644813 **anti-Prohibitin antibody**



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### Overview

|              |                                                   |
|--------------|---------------------------------------------------|
| Quantity:    | 100 µL                                            |
| Target:      | Prohibitin (PHB)                                  |
| Reactivity:  | Human                                             |
| Host:        | Rabbit                                            |
| Clonality:   | Polyclonal                                        |
| Conjugate:   | This Prohibitin antibody is un-conjugated         |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

### Product Details

|                   |                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Prohibitin (PHB)                                                                                                                                      |
| Immunogen:        | RPA442Hu02Recombinant Prohibitin (PHB)                                                                                                                                       |
| Isotype:          | IgG                                                                                                                                                                          |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against PHB. It has been selected for its ability to recognize PHB in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat                                                                                                                                                              |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                       |

### Target Details

|                   |                                             |
|-------------------|---------------------------------------------|
| Target:           | Prohibitin (PHB)                            |
| Alternative Name: | Prohibitin ( <a href="#">PHB Products</a> ) |

## Target Details

|           |                                                                                                                                                           |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt:  | <a href="#">P35232</a>                                                                                                                                    |
| Pathways: | <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                                                         |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 0.5 mg/mL                                                                                                                                                       |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |