

Datasheet for ABIN357838

**anti-Prohibitin antibody (C-Term, Middle Region)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | Prohibitin (PHB)                                |
| Binding Specificity: | C-Term, Middle Region                           |
| Reactivity:          | Human                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This Prohibitin antibody is un-conjugated       |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|               |                                                                                                                                             |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human PHB. |
| Isotype:      | Ig Fraction                                                                                                                                 |
| Specificity:  | This antibody detects PHB (Center).                                                                                                         |
| Purification: | Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.                                                            |

## Target Details

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| Target:           | Prohibitin (PHB)                                                                                   |
| Alternative Name: | Prohibitin / PHB ( <a href="#">PHB Products</a> )                                                  |
| Background:       | Prohibitin is an evolutionarily conserved protein that is ubiquitously expressed. It is thought to |

## Target Details

|                   |                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | be a negative regulator of cell proliferation and may be a tumor suppressor. Mutations have been linked to sporadic breast cancer. Prohibitin is expressed as two transcripts with varying lengths of 3' untranslated region.Synonyms: PHB1 |
| Molecular Weight: | 29804 Da                                                                                                                                                                                                                                    |
| Gene ID:          | 5245, 9606                                                                                                                                                                                                                                  |
| 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: | ELISA: 1/1,000. Western blot: 1/50-1/100.<br>Other applications not tested.<br>Optimal dilutions are dependent on conditions and should be determined by the user. |
| Restrictions:      | For Research Use only                                                                                                                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.25 mg/mL                                                                                                             |
| Buffer:            | PBS with 0.09 % (W/V) Sodium Azide as preservative.                                                                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.                            |

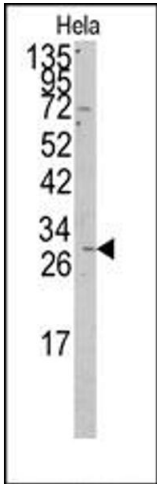


Image 1.