

Datasheet for ABIN7644563  
**anti-PLAGL1 antibody**



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## Overview

|              |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                 |
| Target:      | PLAGL1                                                                                                 |
| Reactivity:  | Human                                                                                                  |
| Host:        | Rabbit                                                                                                 |
| Clonality:   | Polyclonal                                                                                             |
| Conjugate:   | This PLAGL1 antibody is un-conjugated                                                                  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

|                   |                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Pleiomorphic Adenoma Gene Like Protein 1 (PLAGL1)                                                                                                           |
| Immunogen:        | RPH380Hu01 Recombinant Pleiomorphic Adenoma Gene Like Protein 1 (PLAGL1)                                                                                                           |
| Isotype:          | IgG                                                                                                                                                                                |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against PLAGL1. It has been selected for its ability to recognize PLAGL1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Rat                                                                                                                                                                         |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                             |

## Target Details

|         |        |
|---------|--------|
| Target: | PLAGL1 |
|---------|--------|

## Target Details

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Alternative Name: | PLAGL1 ( <a href="#">PLAGL1 Products</a> )                                                  |
| Background:       | LOT1, ZAC, ZAC1, Zinc finger protein PLAGL1, Lost on transformation 1, Tumor suppressor ZAC |
| UniProt:          | <a href="#">Q9UM63</a>                                                                      |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 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:     | 0.43 mg/mL                                                                                                                                                      |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.                                                                                                     |
| Preservative:      | ProClin, Sodium azide                                                                                                                                           |
| Precaution of Use: | This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES 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. |