

Datasheet for ABIN388997  
**anti-ARL1 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 400 µL   |
| Target:              | ARL1   |
| Binding Specificity: | AA 1-30, N-Term  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This ARL1 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | This ARL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ARL1. |
| Clone:                | RB4905-4906   |
| Isotype:              | Ig Fraction   |
| Predicted Reactivity: | B, M, Rat   |
| Purification:         | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.   |

## Target Details

|         |      |
|---------|------|
| Target: | ARL1 |
|---------|------|

## Target Details

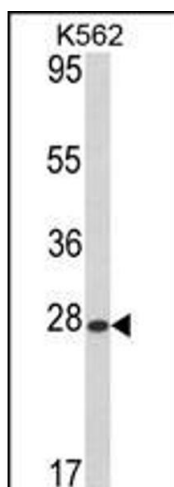
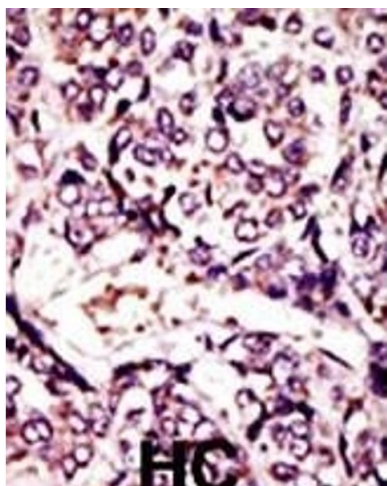
|                   |  |
|-------------------|--|
| Alternative Name: | ARL1 ( <a href="#">ARL1 Products</a> )   |
| Background:       | ARL1 belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner. |
| Molecular Weight: | 20418  |
| Gene ID:          | 400  |
| NCBI Accession:   | <a href="#">NP_001168</a>  |
| UniProt:          | <a href="#">P40616</a>   |

## Application Details

|                    |                             |
|--------------------|-----------------------------|
| Application Notes: | WB: 1:1000. IHC-P: 1:50~100 |
| Restrictions:      | For Research Use only       |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                     |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date:       | 6 months   |



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

### Western Blotting

**Image 2.** Western blot analysis of hARL1-G3 (ABIN388997 and ABIN2839227) in K562 cell line lysates (35 µg/lane). ARL1 (arrow) was detected using the purified Pab.