Datasheet for ABIN1538637

# anti-ARL1 antibody (AA 81-108)

Go to Product page

## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 400 µL |
| Target: | ARL1 |
| Binding Specificity: | AA 81-108 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Immunogen: | This ARL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-108 amino acids from the Central region of human ARL1. |
| Clone: | RB36250 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | B, M, Rat |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

| | |
|---|---|
| Target: | ARL1 |
| Alternative Name: | ARL1 (ARL1 Products) |
| Background: | The protein encoded by this gene belongs to the ARL (ADP-ribosylation factor-like) family of |

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## Target Details

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|---|---|
| | 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: | NP_001168 |
| UniProt: | P40616 |

## Application Details

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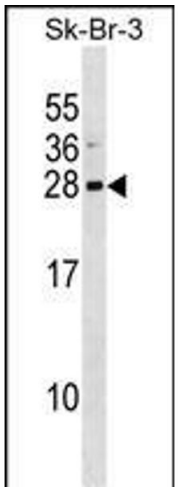
|---|---|
| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |

## 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: | ARL1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. |
| Expiry Date: | 6 months |




**Western Blotting**

**Image 1.** ARL1 Antibody (Center) (ABIN1538637 and ABIN2848485) western blot analysis in SK-BR-3 cell line lysates (35 µg/lane).This demonstrates the ARL1 antibody detected the ARL1 protein (arrow).

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