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Datasheet for ABIN7111382  
**anti-ARL3 antibody**

### Overview

Quantity:	100 µg
Target:	ARL3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	ADP-ribosylation factor-like 3
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	ARL3
Alternative Name:	ARL3 ( <a href="#">ARL3 Products</a> )
Background:	Synonyms:ARFL3 Background:Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors(GEF) and GTPase-activating proteins(GAP). Required for normal cytokinesis and cilia signaling. Requires assistance from GTPase-activating proteins(GAPs) like

## Target Details

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RP2 and PDE6D, in order to cycle between inactive GDP-bound and active GTP-bound forms. Required for targeting proteins such as NPHP3 to the ciliary membrane by releasing myristoylated NPHP3 from UNC119B cargo adapter into the cilium. Does not act as an allosteric activator of the cholera toxin catalytic subunit.

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Molecular Weight: 20 kDa

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Gene ID: 403

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UniProt: [P36405](#)

## Application Details

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Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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Expiry Date: 12 months