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Datasheet for ABIN965592
anti-ARL1 antibody (N-Term)

2 Publications

Overview

Quantity:	0.1 mg
Target:	ARL1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human ARL1(ADP-ribosylation factor-like protein 1)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	ARL1
Alternative Name:	ARL1 (ARL1 Products)
Background:	ARL1(ADP-ribosylation factor-like protein 1) 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.

Target Details

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. Recent data show that Arl1 regulates the membrane recruitment of Golgin-97, which plays a role in transport from the endosome to the trans-Golgi network.

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 50% glycerol

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: -20 °C

Publications

Product cited in: Baldinger: "Sodium hyaluronate used to correct lens nucleus tumble." in: **Ophthalmic surgery**, Vol. 16, Issue 9, pp. 590, (1985) ([PubMed](#)).