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Datasheet for ABIN7254733 anti-ARL1 antibody

2 Images



Overview

Quantity:	200 µL
Target:	ARL1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

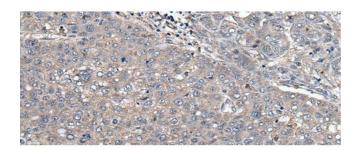
Immunogen:	Synthetic peptide of human ARL1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

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 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

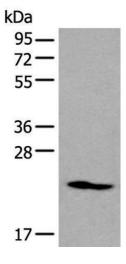
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Target Details	
	were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 20 kDa
UniProt:	P40616
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:40-1:200, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ARL1 Polyclonal Antibody at dilution of 1:50(x200)



Western Blotting

Image 2. Western blot analysis of K562 cell lysate using ARL1 Polyclonal Antibody at dilution of 1:550

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