

Datasheet for ABIN6939844
anti-ARF1 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	ARF1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ARF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	C-terminal human ARF1 peptide SNQLRNQ
Clone:	1A9-5
Isotype:	IgG2a kappa
Purification:	Purified by Protein A/G

Target Details

Target:	ARF1
Alternative Name:	ARF1 (ARF1 Products)
Background:	The ADP-ribosylation factor (ARF) family comprises a group of structurally and functionally conserved proteins, which are members of the Ras superfamily of regulatory GTP-binding

Target Details

proteins. The ARF family is divided functionally into the ARF and the ARF-like proteins. ARF's share more than 60 % sequence identity, appear to be ubiquitous in eukaryotes, and are highly conserved evolutionarily. ARF is involved in intracellular protein traffic to and within the Golgi complex. ARF has a number of disparate activities including maintenance of organelle integrity, assembly of coat proteins, as a co-factor for cholera toxin and as an activator of phospholipase D.

Molecular Weight: 20kDa

Gene ID: 375

UniProt: [P84077](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Inositol Metabolic Process](#)

Application Details

Application Notes: Positive Control: HeLa cells. Kidney, Liver, Brain or Breast.
Known Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

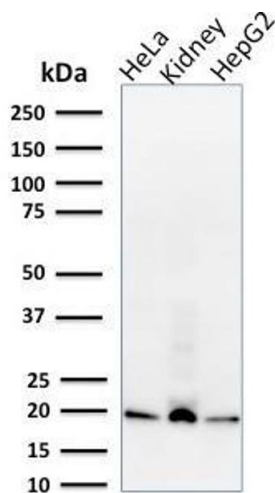
Preservative: Sodium azide

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

Storage: 4 °C, -80 °C

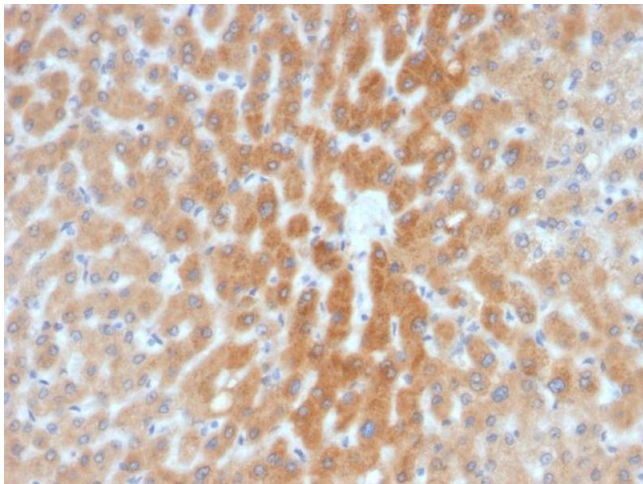
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



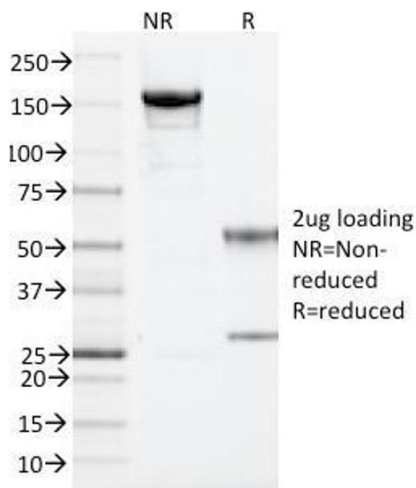
Western Blotting

Image 1. Western Blot Analysis of human HeLa, HepG2 cell lysates and kidney tissue lysate using ARF1 Mouse Monoclonal Antibody (1A9/5).



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Liver stained with ARF1 Mouse Monoclonal Antibody (1A9/5).



SDS-PAGE

Image 3. SDS-PAGE Analysis Purified ARF1 Mouse Monoclonal Antibody (1A9/5). Confirmation of Purity and Integrity of Antibody.