



Datasheet for ABIN499337
anti-ARL6IP1 antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	ARL6IP1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARL6IP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human ARMER / ARL6IP / AIP1 (C-Terminus) Peptide
Isotype:	IgG
Specificity:	ARMER antibody was raised against a peptide corresponding to 15 amino acids near the C-terminus of human ARMER.
Purification:	Ion exchange chromatography

Target Details

Target:	ARL6IP1
Alternative Name:	ARL6IP1 (ARL6IP1 Products)

Target Details

Background: Apoptosis is important for normal development and tissue homeostasis. It is mediated by various caspases and ultimately results in the activation of endogenous endonucleases that degrade cellular DNA (1). Although apoptosis induced by endoplasmic reticulum (ER) stress is thought to be mediated by caspase-12 (2), other caspases such as caspase-9 are also thought to be activated following ER stress (3). Recently, ARMER, a novel integral ER-membrane protein was shown to protect cells from ER stress-induced apoptosis. Analysis of the caspase proteolytic cascade suggests that ARMER acts by inhibiting caspase-9 activity (3), although the mechanism for this remains unknown. It should be noted that ARMER is not related to the inhibitor of apoptosis proteins (IAP) family and does not contain any baculoviral IAP repeat (BIR) domains. Synonyms: ADP-ribosylation factor-like protein 6-interacting protein 1, ARL-6-interacting protein 1, Aip-1, KIAA0069

Gene ID: 23204

UniProt: [Q15041](#)

Application Details

Application Notes: ELISA. Western Blot: ARMER antibody can be used for detection of ARMER at 0.5 to 2 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

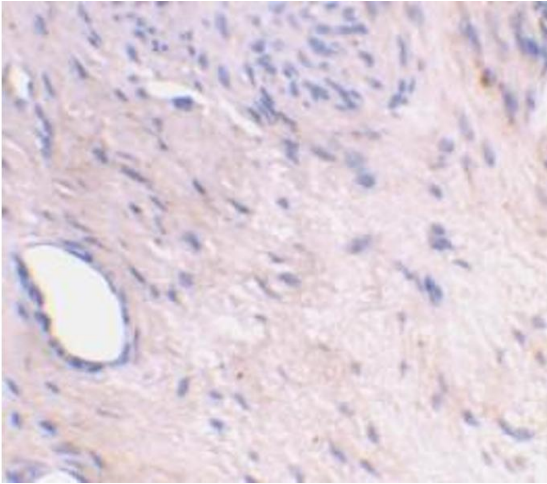
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

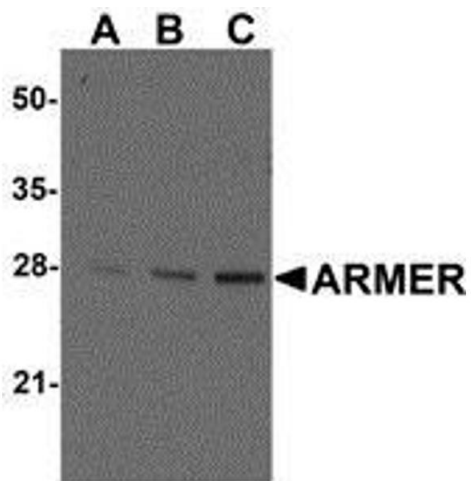
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical staining of human bladder tissue using AP30081PU-N ARMER antibody at 2 $\mu\text{g}/\text{ml}$.



Western Blotting

Image 2. Western blot analysis of ARMER in mouse small intestine tissue lysates with AP30081PU-N ARMER antibody at (A) 0.5, (B) 1, and (C) 2 $\mu\text{g}/\text{ml}$.