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Datasheet for ABIN6990462
anti-ARL6IP1 antibody (C-Term)

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:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	ARMER antibody was raised against a peptide corresponding to 15 amino acids near the C-terminus of human ARMER. The immunogen is located within the last 50 amino acids of ARMER.
Isotype:	IgG
Purification:	ARMER Antibody is Ion exchange chromatography purified.

Target Details

Target:	ARL6IP1
Alternative Name:	ARMER (ARL6IP1 Products)
Background:	ARMER Antibody: Apoptosis is important for normal development and tissue homeostasis. It is

Target Details

mediated by various caspases and ultimately results in the activation of endogenous endonucleases that degrade cellular DNA. Although apoptosis induced by endoplasmic reticulum (ER) stress is thought to be mediated by caspase-12, other caspases such as caspase-9 are also thought to be activated following ER stress. 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, 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.

Gene ID: 23204

UniProt: [Q15041](#)

Application Details

Application Notes: ARMER antibody can be used for detection of ARMER by Western blot at 0.5 to 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2 μ g/mL. For immunofluorescence start at 2 μ g/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ARMER Antibody is supplied in 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: -20 °C, 4 °C

Storage Comment: ARMER antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.