

Anti-ARMER ARL6IP1 Antibody

Catalog Number: A08487

About ARL6IP1

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. 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.

Overview

Product Name	Anti-ARMER ARL6IP1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-ARMER ARL6IP1 Antibody (Catalog # A08487). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	ARMER Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	ARMER antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q15041

Technical Details

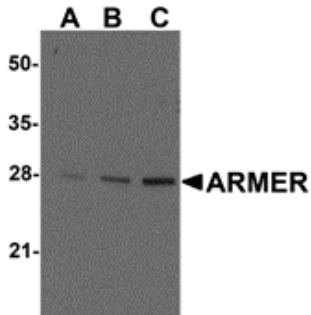
Immunogen	ARMER antibody was raised against a peptide corresponding to 15 amino acids near the C-terminus of human ARMER. The immunogen is located within the last 50 amino acids of ARMER.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	ARMER Antibody is Ion exchange chromatography purified.

Suggested Dilutions

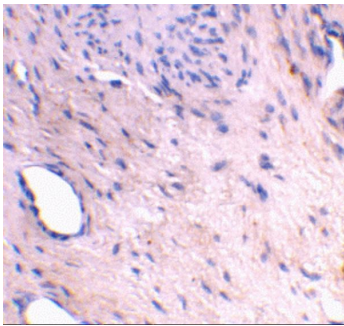
ARMER antibody can be used for detection of ARMER by Western blot at 0.5 to 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2 ug/mL. For immunofluorescence start at 2 ug/mL.

Antibody validated: Western Blot in mouse samples; Immunohistochemistry in human samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

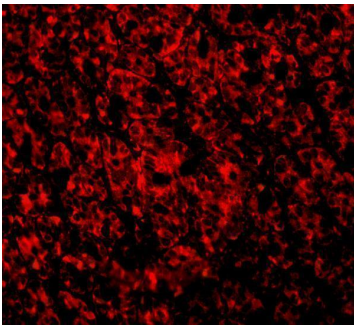
Anti-ARMER ARL6IP1 Antibody (A08487) Images



Western blot ana-lysis of ARMER in mouse small intestine tissue lysates with ARMER antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.



Immunohistochemical staining of human bladder tissue using ARMER antibody at 2 ug/mL.



Immunofluorescence of ARMER in Mouse Intestine cells with ARMER antibody at 2 ug/mL.

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Anti-ARMER ARL6IP1 Antibody

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