

Product datasheet for **TA306164**

ARMER (ARL6IP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 2 ug/mL, IF: 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ARMER antibody was raised against a peptide corresponding to 15 amino acids near the C-terminus of human ARMER.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Ion exchange chromatography purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ADP ribosylation factor like GTPase 6 interacting protein 1
Database Link:	NP_055976 Entrez Gene 54208 Mouse Entrez Gene 23204 Human Q15041



[View online »](#)

Background:

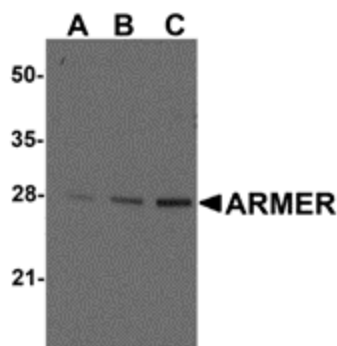
Apoptosis is important for normal development and tissue homeostasis. It is mediated by various caspases and ultimately results in the activation of endogenous endonucleases that degrade cellular DNA (1). Although apoptosis induced by endoplasmic reticulum (ER) stress is thought to be mediated by caspase-12 (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:

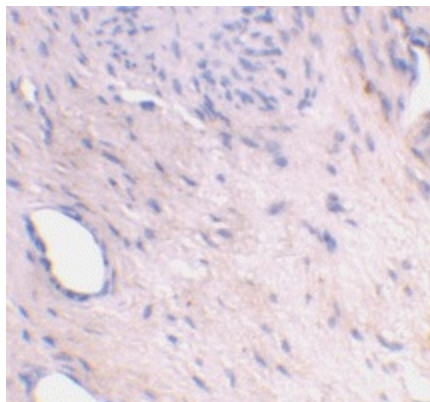
AIP1; ARL6IP1; ARMER; SPG61

Protein Families:

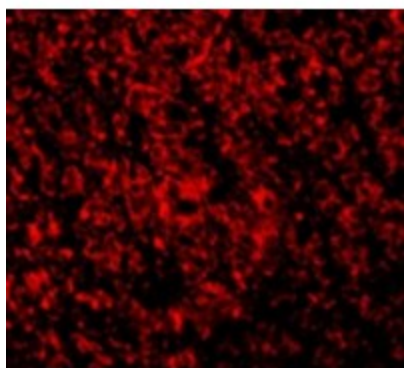
Transmembrane

Product images:


Western blot analysis of ARMER in mouse small intestine tissue lysates with ARMER antibody at (A) 0.5, (B) 1, and (C) 2 μ g/ml.



Immunohistochemical staining of human bladder tissue using ARMER antibody at 2 μ g/ml.



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