
ARMER Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253478

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by ion exchange chromatography.

Alternate Names: ARMER ; ARL6IP; AIP1

Accession No.: Q15041

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ARMER.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.