
PARC Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253450

Unit: 0.1 mg

Description:

The continued localization of p53 to the nucleus is essential for its function as a tumor suppressor. PARC, a large, Parkin-like ubiquitin ligase has recently been identified as a cytoplasmic anchor protein in p53-associated protein complexes. In the absence of stress, PARC inactivation results in nuclear localization of p53 and activation of p53-dependent apoptosis, while overexpression of this protein promoted cytoplasmic sequestration of p53. Surprisingly, PARC knockout mice were viable and exhibited no obvious phenotype, suggesting that other proteins, such as the highly related cullin family of E3 ubiquitin ligases, may perform similar functions in the absence of PARC. Additionally, it has been suggested that p53 binding to PARC may serve to control PARC function.

Isotype: Rabbit Ig

Applications: E, WB, ICC

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 immunogen affinity chromatography.

Alternate Names: PARC; p53-associated parkin-like cytoplasmic protein; Ubch7-associated protein 1

Accession No.: NP_055904

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

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

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.