

Product datasheet for **TA306136**

PARC (CUL9) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 1 ug/mL, IF: 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	PARC antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human PARC.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cullin 9
Database Link:	NP_055904 Entrez Gene 78309 Mouse Entrez Gene 23113 Human Q8IWT3

Background: 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.

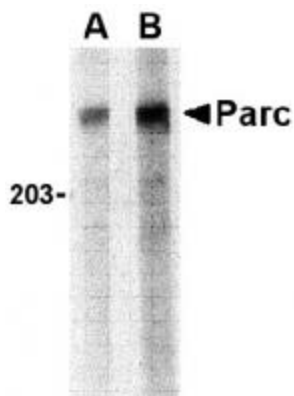


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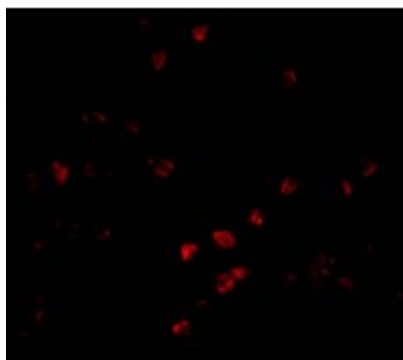
Synonyms: H7AP1; PARC

Protein Families: Druggable Genome

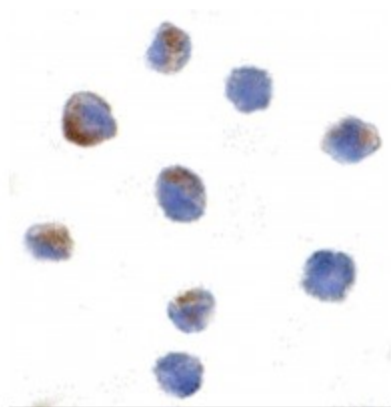
Product images:



Western blot analysis of PARC in Daudi lysate with PARC antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of Bcl-G in Daudi cells with Bcl-G antibody at 2 ug/mL.



Immunocytochemistry of Parc in Daudi cells with Parc antibody at 1 ug/mL.