Datasheet for ABIN500449

anti-CUL9 antibody (C-Term)

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2 Images

Overview

Quantity:	0.1 mg
Target:	CUL9
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CUL9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	PARC antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human PARC.
Isotype:	IgG
Specificity:	This antibody detects Cullin-9.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse
Purification:	Peptide affinity chromatography

Target Details

Target:	CUL9
Alternative Name:	Cullin-9 (CUL9 Products)

Target Details

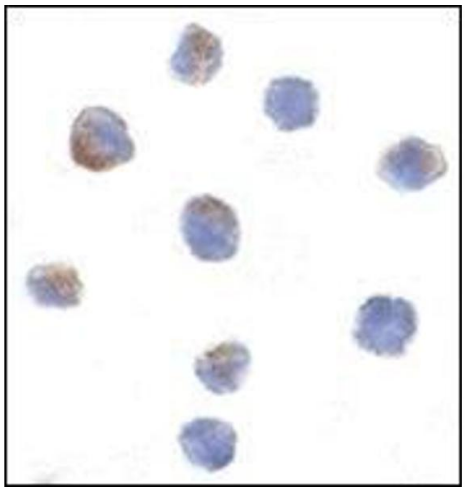
Background:	The continued localization of p53 to the nucleus is essential for its function as a tumor suppressor. PARC, a large, Parkin-like ubiquitin ligase has recently been identified as a cytoplasmic anchor protein in p53-associated protein complexes. In the absence of stress, PARC inactivation results 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.Synonyms: CUL-9, H7AP1, KIAA0708, PARC, UbcH7-associated protein 1, p53-associated parkin-like cytoplasmic protein
Gene ID:	23113
NCBI Accession:	NP_055904
UniProt:	Q8IWT3

Application Details

Application Notes:	ELISA. Western blot. Immuncytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

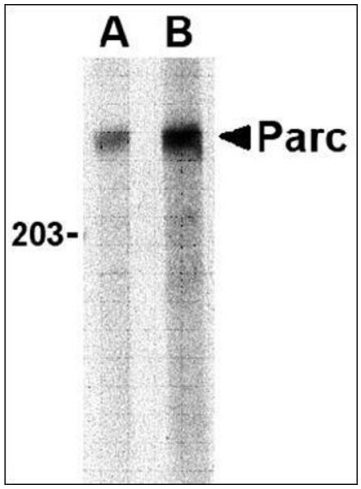
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry of Parc in Daudi cells with this product at 1 µg/ml.



Western Blotting

Image 2. Western blot analysis of PARC in Daudi lysate with this product at (A) 1 and (B) 2 µg/ml.

