

DATASHEET

CDC34B Rabbit Polyclonal Antibody

CAT. NO. APA13764

KEY FEATURES

Target	CDC34B	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

E2 ubiquitin-conjugating enzyme that accepts ubiquitin from an E1 ubiquitin-activating protein, and catalyzes its covalent attachment to other proteins by an E3 ubiquitin-protein ligase complex . In vitro catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination . Works in collaboration with various Cul1-RING and Cul2-RING E3 ligase complexes . May be involved in degradation of katenin .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CDC34B
Specificity	Recognizes endogenous levels of CDC34B protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CDC34B
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27 kD; Observed: 27 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CDC34B; UBC3B; Ubiquitin-conjugating enzyme E2 R2; Ubiquitin carrier protein R2; Ubiquitin-conjugating enzyme E2-CDC34B; Ubiquitin-protein ligase R2
Gene Symbol	UBE2R2
Entrez Gene	54926(Human); 67615(Mouse)
SwissProt	Q712K3(Human); Q6ZWZ2(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

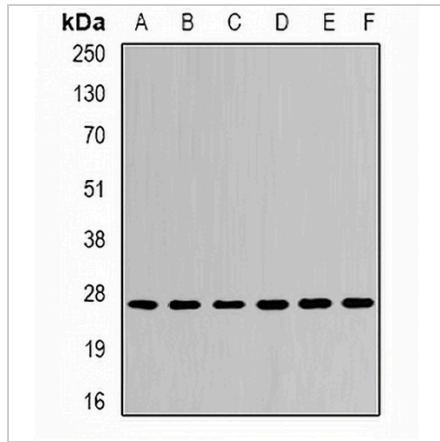
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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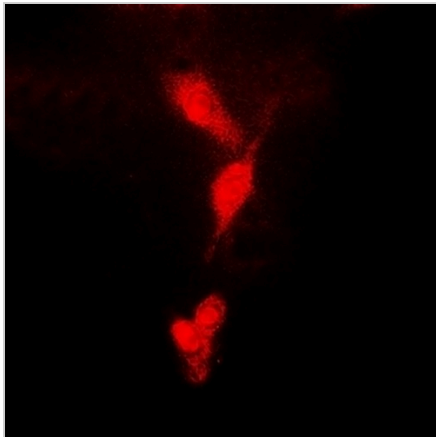
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Western blot analysis of CDC34B expression in Jurkat (A), MCF7 (B), mouse liver (C), mouse kidney (D), rat brain (E), rat lung (F) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 27 kD)



Immunofluorescent analysis of CDC34B staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.