

**DATASHEET**

**ACAP2 Rabbit Polyclonal Antibody**

CAT. NO. APA14069

**KEY FEATURES**

Target	ACAP2	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**

GTPase-activating protein (GAP) for ADP ribosylation factor 6 (ARF6). Doesn't show GAP activity for RAB35 for ADP ribosylation factor 6 (ARF6). Doesn't show GAP activity for RAB35 .

**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 ACAP2
Specificity	Recognizes endogenous levels of ACAP2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ACAP2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 88 kD; Observed: 115 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	CENTB2; KIAA0041; Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2; Centaurin-beta-2; Cnt-b2
Gene Symbol	ACAP2
Entrez Gene	23527(Human); 78618(Mouse); 619382(Rat)
SwissProt	Q15057(Human); Q6ZQK5(Mouse); Q5FVC7(Rat)

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

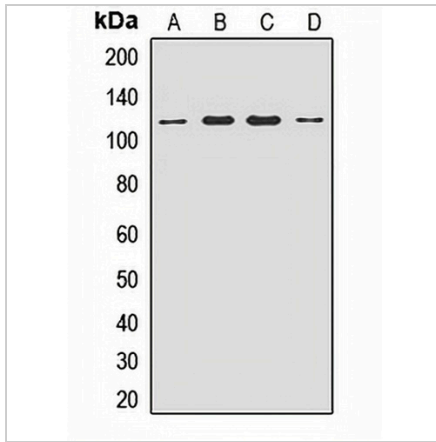
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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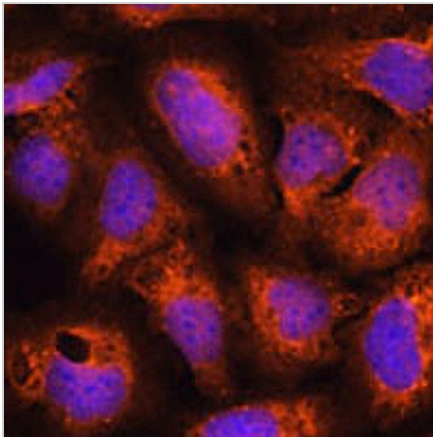
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**DATA**



Western blot analysis of ACAP2 expression in HeLa (A), A549 (B), mouse brain (C), mouse liver (D) whole cell lysates. (Predicted band size: 88 kD; Observed band size: 115 kD)



Immunofluorescent analysis of ACAP2 staining in U2OS 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 594-conjugated secondary antibody (red) 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.