

Product Name: KD-Validated ACAP2 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01819**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 88.0kDa

Antigen Information

Gene Name	ACAP2
Alternative Names	ACAP2; ArfGAP With Coiled-Coil, Ankyrin Repeat And PH Domains 2; KIAA0041; CNT-B2; CENTB2; Arf-GAP With Coiled-Coil, ANK Repeat And PH Domain-Containing Protein 2; Centaurin-Beta-2; Arf GAP With Coiled Coil, ANK Repeat And PH Domains 2; Centaurin, Beta 2; Cnt-B2
Gene ID	23527.0
SwissProt ID	Q15057
Immunogen	A synthesized peptide derived from human ACAP2

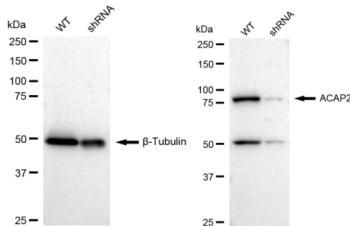
Background

Enables GTPase activator activity. Acts upstream of or within actin filament-based process. Located in ruffle. [provided by

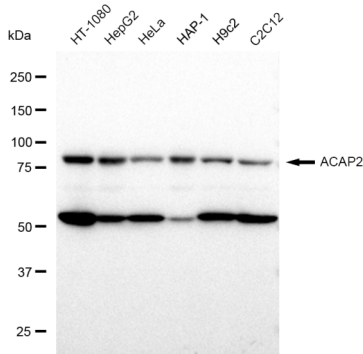
Research Area

Signal Transduction

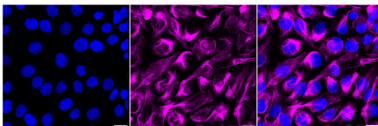
Image Data



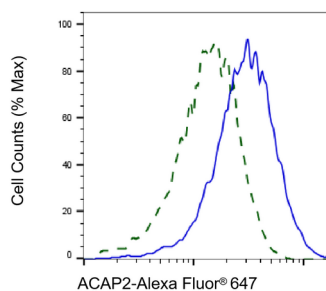
Western blotting analysis using ACAP2 antibody (KVAb01819). ACAP2 expression in wild type (WT) and ACAP2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with ACAP2 antibody (KVAb01819, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



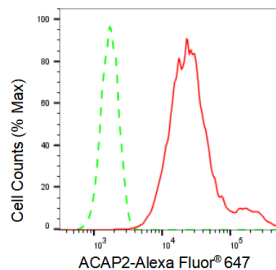
Western blotting analysis using ACAP2 antibody (KVAb01819). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ACAP2 antibody (KVAb01819, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively. ACAP2, ArfGAP with coiled-coil, ankyrin repeat and PH domains 2.



Immunocytochemical staining of HT-1080 cells with ACAP2 antibody (KVAb01819, 1:1,000). Nuclei were stained blue with DAPI; ACAP2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.



Validation of ACAP2 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with ACAP2 antibody (KVAb01819, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of ACAP2 expression in HT-1080 cells using ACAP2 antibody (KVAb01819, 1:2,000). Green, isotype control; red, ACAP2.