
Product Name: KD-Validated Cullin 5 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00342**

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: 91.0kDa

Antigen Information

Gene Name	CUL5 CUL5; Cullin 5; VACM-1; Vasopressin-Activated Calcium-Mobilizing Receptor 1; Cullin-5;
Alternative Names	CUL-5; VACM1; Cullin-5 (Vasopressin-Activated Calcium-Mobilizing Receptor-1); Vasopressin-Activated Calcium-Mobilizing Receptor-1
Gene ID	8065.0
SwissProt ID	Q93034
Immunogen	Recombinant protein of human Cullin 5

Background

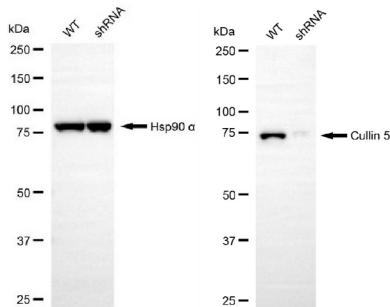
Enables ubiquitin ligase complex scaffold activity and ubiquitin protein ligase binding activity. Involved in proteasome-mediated ubiquitin-dependent protein catabolic process and protein K11-linked ubiquitination. Located in site of DNA

damage. Part of Cul5-RING ubiquitin ligase complex. Is active in nucleus. [provided by Alliance of Genome Resources, Jul 2025]

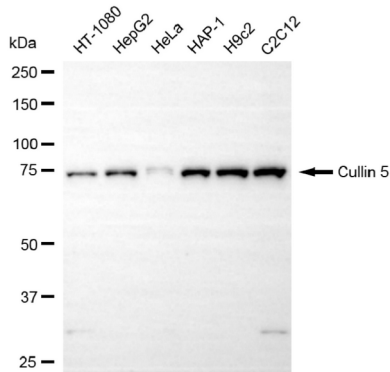
Research Area

Cell Biology

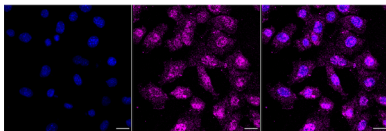
Image Data



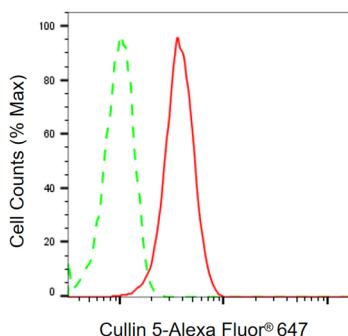
Western blotting analysis using cullin 5 antibody (KVA00342). Cullin 5 expression in wild-type (WT) and cullin 5 (CUL5) shRNA knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with cullin 5 antibody (KVA00342, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using cullin 5 antibody (KVA00342). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with cullin 5 antibody (KVA00342, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of C2C12 cells with cullin 5 antibody (KVA00342, 1:1,000). Nuclei were stained blue with DAPI; Cullin 5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.



Flow cytometric analysis of cullin 5 expression in C2C12 cells using cullin 5 antibody (KVA00342, 1:2,000). Green, isotype control; red, cullin 5.