
Product Name: KD-Validated Cullin4A Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01266**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
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 1:2,000-1:10,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 87.7kDa

Antigen Information

Gene Name	CUL4A
Alternative Names	CUL4A; Cullin 4A; Cullin-4A; CUL-4A
Gene ID	8451.0
SwissProt ID	Q13619
Immunogen	A synthesized peptide derived from human beta Cullin4A

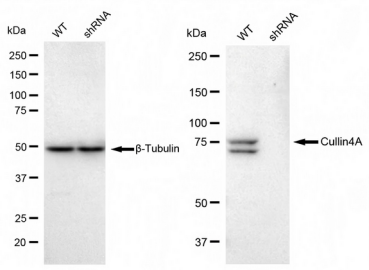
Background

CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins (Liu et al., 2009 [PubMed 19481525]).[supplied by OMIM, Oct 2009]

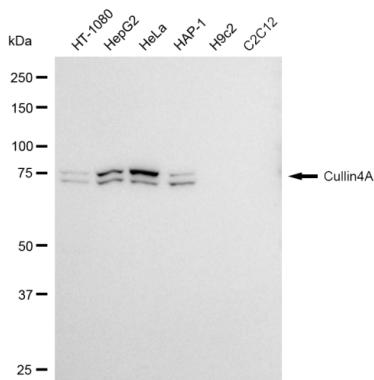
Research Area

Cell Biology

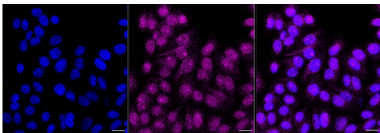
Image Data



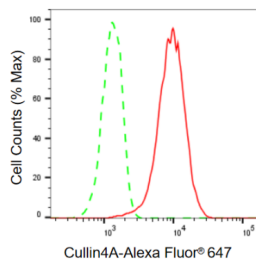
Western blotting analysis using Cullin4A antibody (KVA01266). Cullin4A expression in wild type (WT) and Cullin4A shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with Cullin4A antibody (KVA01266, 1:10,000) and HRP-conjugated goat anti rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Cullin4A antibody (KVA01266). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Cullin4A antibody (KVA01266, 1:10,000) and HRP-conjugated goat anti rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Cullin4A antibody (KVA01266, 1:1,000). Nuclei were stained blue with DAPI; Cullin4A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of Cullin4A expression in HeLa cells using Cullin4A antibody (KVA01266, 1:2,000). Green, isotype control; red, Cullin4A.