

Product Name: KD-Validated RCHY1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01264**

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: 30.1kDa

Antigen Information

Gene Name	RCHY1 RCHY1; Ring Finger And CHY Zinc Finger Domain Containing 1; RNF199; ZNF363; CHIMP; ARNIP; PIRH2; PRO1996; ZCHY; RING Finger And CHY Zinc Finger Domain-Containing Protein 1; Androgen-Receptor N-Terminal-Interacting Protein; P53-Induced Protein With A RING-H2 Domain; RING-Type E3 Ubiquitin Transferase RCHY1; E3 Ubiquitin-Protein Ligase
Alternative Names	Pirh2; RING Finger Protein 199; Zinc Finger Protein 363; Zinc Finger, CHY-Type; DKFZp586C1620; Ring Finger And CHY Zinc Finger Domain Containing 1, E3 Ubiquitin Protein Ligase; Androgen Receptor N-Terminal-Interacting Protein; CH-Rich Interacting Match With PLAG1; CH-Rich-Interacting Match With PLAG1; P53-Induced RING-H2 Protein; EC 2.3.2.27; HPirh2
Gene ID	25898.0

SwissProt ID Q96PM5
Immunogen A synthesized peptide derived from human RCHY1

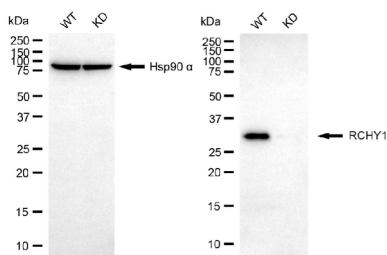
Background

The protein encoded by this gene has ubiquitin ligase activity. It mediates E3-dependent ubiquitination and proteasomal degradation of target proteins, including tumor protein 53, histone deacetylase 1, and cyclin-dependent kinase inhibitor 1B, thus regulating their levels and cell cycle progression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jun 2013]

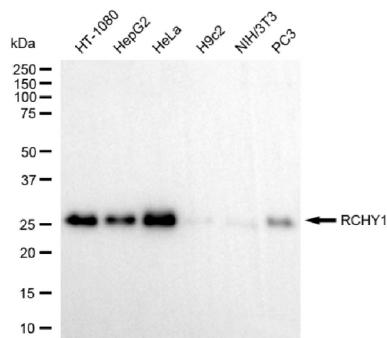
Research Area

Cell Biology, Cancer

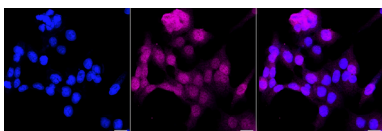
Image Data



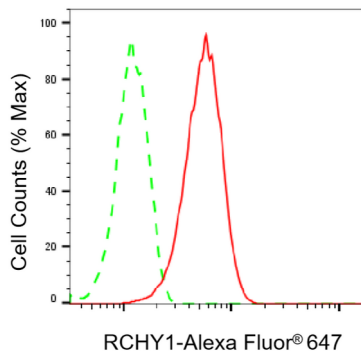
Western blotting analysis using RCHY1 antibody (KVA01264). RCHY1 expression in wild-type (WT) and RCHY1 knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with RCHY1 antibody (KVA01264, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using RCHY1 antibody (KVA01264). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with RCHY1 antibody (KVA01264, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HAP-1 cells with RCHY1 antibody (KVA01264, 1:1,000). Nuclei were stained blue with DAPI; RCHY1 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 RCHY1 expression in HAP-1 cells using RCHY1 antibody (KVA01264, 1:2,000). Green, isotype control; red, RCHY1.