
Product Name: KD-Validated CHD1L Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01660**

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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 101.0kDa

Antigen Information

Gene Name	CHD1L
Alternative Names	CHD1L; Chromodomain Helicase DNA Binding Protein 1 Like; ALC1; Chromodomain-Helicase-DNA-Binding Protein 1-Like; Amplified In Liver Cancer Protein 1; Amplified In Liver Cancer 1; EC 3.6.4.-; EC 3.6.1; CHDL
Gene ID	9557.0
SwissProt ID	Q86WJ1
Immunogen	A synthesized peptide derived from human CHD1L

Background

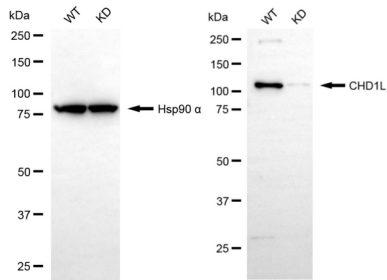
This gene encodes a DNA helicase protein involved in DNA repair. The protein converts ATP to add poly(ADP-ribose) as it regulates chromatin relaxation following DNA damage. Overexpression of this gene has been linked to several types of cancers.

[provided by RefSeq, Feb 2017]

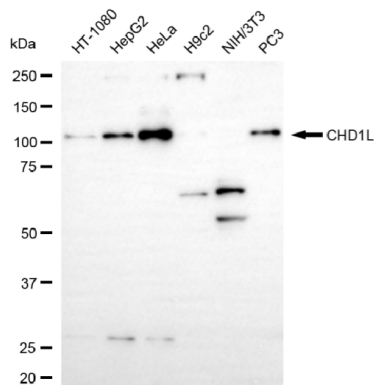
Research Area

Epigenetics and Nuclear Signaling

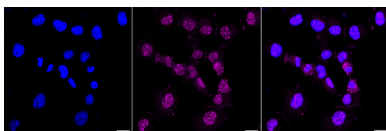
Image Data



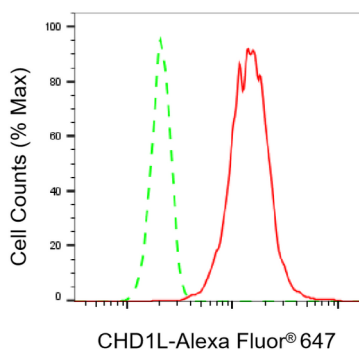
Western blotting analysis using CHD1L antibody (KVA01660). CHD1L expression in wild-type (WT) and CHD1L knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CHD1L antibody (KVA01660, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using CHD1L antibody (KVA01660). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CHD1L antibody (KVA01660, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with CHD1L antibody (KVA01660, 1:1,000). Nuclei were stained blue with DAPI; CHD1L 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 CHD1L expression in HT-1080 cells using CHD1L antibody (KVA01660, 1:2,000). Green, isotype control; red, CHD1L.