

Product Name: KD-Validated ZC3HC1 Mouse Oligoclonal Antibody**Catalog #: KVA00370**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG
Clonality	Mouse oligoclonal antibody
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 1:200-1:1,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 55.3kDa

Antigen Information

Gene Name	ZC3HC1
Alternative Names	ZC3HC1; Zinc Finger C3HC-Type Containing 1; NIPA; Nuclear-Interacting Partner Of ALK; Zinc Finger C3HC-Type Protein 1; Nuclear Interacting Partner Of Anaplastic Lymphoma Kinase (ALK); Nuclear-Interacting Partner Of Anaplastic Lymphoma Kinase; Hematopoietic Stem/Progenitor Cell Protein 216; Nuclear Interaction Partner Of ALK; HSPC216; HNIPA
Gene ID	51530.0
SwissProt ID	Q86WB0
Immunogen	Recombinant protein of human ZC3HC1

Background

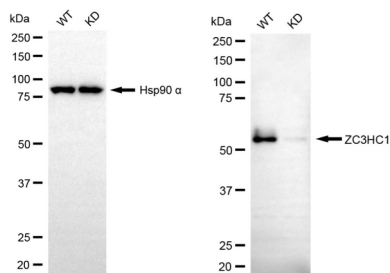
This gene encodes an F-box-containing protein that is a component of an SCF-type E3 ubiquitin ligase complex that regulates

the onset of cell division. The G2/M transition in the cell cycle requires the interaction of the proteins cyclin B1 and cyclin-dependent kinase 1. The activated ubiquitin ligase complex targets the protein cyclin B1 for degradation, preventing this transition to mitosis. [provided by RefSeq, Aug 2013]

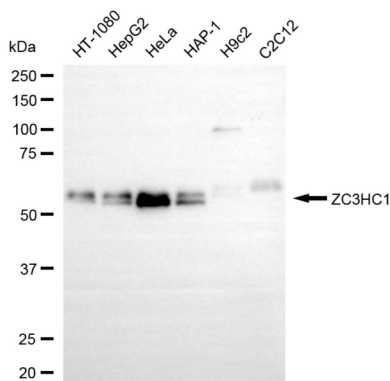
Research Area

Cell Biology

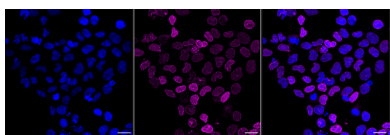
Image Data



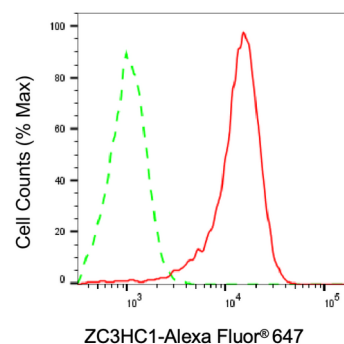
Western blotting analysis using ZC3HC1 antibody (KVA00370). ZC3HC1 expression in wild-type (WT) and ZC3HC1 knockdown (KD) HSHC cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ZC3HC1 antibody (KVA00370, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using ZC3HC1 antibody (KVA00370). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ZC3HC1 antibody (KVA00370, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with ZC3HC1 protein antibody (KVA00370, 1:1,000). Nuclei were stained blue with DAPI; ZC3HC1 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 ZC3HC1 expression in HeLa cells using ZC3HC1 antibody (KVA00370, 1:2,000). Green, isotype control; red, ZC3HC1.