

Product Name: KD-Validated UHRF2 Mouse Monoclonal Antibody**Catalog #: KVA00414**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse 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 1:400-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 90.0kDa

Antigen Information

Gene Name	UHRF2
Alternative Names	UHRF2; Ubiquitin Like With PHD And Ring Finger Domains 2; RNF107; Nurf; TDRD23; URF2; Ubiquitin-Like With PHD And Ring Finger Domains 2, E3 Ubiquitin Protein Ligase; Ubiquitin-Like-Containing PHD And RING Finger Domains Protein 2; Ubiquitin-Like PHD And RING Finger Domain-Containing Protein 2; RING-Type E3 Ubiquitin Transferase UHRF2; Np95/ICBP90-Like RING Finger Protein; E3 Ubiquitin-Protein Ligase UHRF2; Np95-Like Ring Finger Protein; RING Finger Protein 107; Nuclear Protein 97; MGC33463; Ubiquitin-Like, Containing PHD And RING Finger Domains, 2; Nuclear Zinc Finger Protein NP97; Nuclear Zinc Finger Protein Np97; Np95-Like RING Finger Protein; EC 2.3.2.27; EC 6.3.2
Gene ID	115426.0
SwissProt ID	Q96PU4

Immunogen

Recombinant protein of human UHRF2

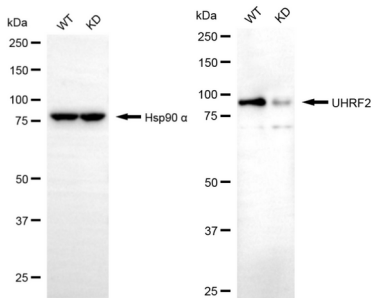
Background

This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquitinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis. The encoded protein contains an NIRF_N domain, a PHD finger, a set- and ring-associated (SRA) domain, and a RING finger domain and several of these domains have been shown to be essential for the regulation of cell proliferation. This protein may also have a role in intranuclear degradation of polyglutamine aggregates. Alternative splicing results in multiple transcript variants some of which are non-protein coding. [provided by RefSeq, Feb 2012]

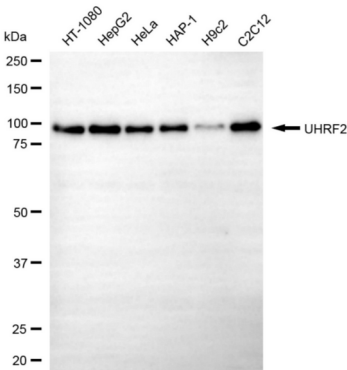
Research Area

Cell Biology

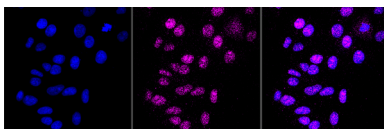
Image Data



Western blotting analysis using UHRF2 antibody (KVA00414). UHRF2 expression in wild-type (WT) and UHRF2 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with UHRF2 antibody (KVA00414, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using UHRF2 antibody (KVA00414). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with UHRF2 antibody (KVA00414, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with UHRF2 antibody (KVA00414, 1:1,000). Nuclei were stained blue with DAPI; UHRF2 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.