

Product Name: KD-Validated UBE2T Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00872**

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: 22.5kDa

Antigen Information

Gene Name	UBE2T UBE2T; Ubiquitin Conjugating Enzyme E2 T; HSPC150; FANCT; Cell Proliferation-Inducing Gene 50 Protein; Ubiquitin-Conjugating Enzyme E2 T; E2 Ubiquitin-Conjugating Enzyme T;
Alternative Names	Ubiquitin Carrier Protein T; Ubiquitin-Protein Ligase T; HSPC150 Protein Similar To Ubiquitin-Conjugating Enzyme; Ubiquitin-Conjugating Enzyme E2T (Putative); Ubiquitin-Conjugating Enzyme E2T; Ubiquitin Conjugating Enzyme E2T; EC 2.3.2.23; PIG50
Gene ID	29089.0
SwissProt ID	Q9NPD8
Immunogen	A synthesized peptide derived from human HSPC150

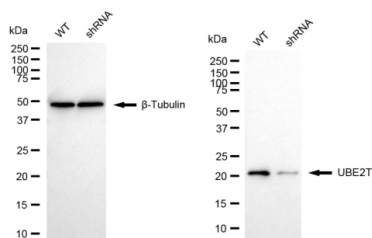
Background

The protein encoded by this gene catalyzes the covalent attachment of ubiquitin to protein substrates. Defects in this gene have been associated with Fanconi anemia of complementation group T. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]

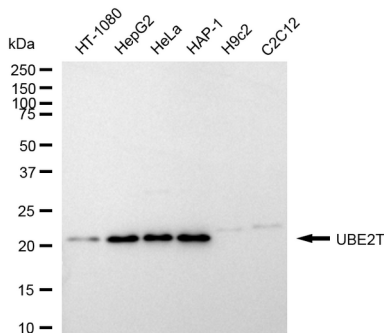
Research Area

Cell Biology, Epigenetics and Nuclear Signaling

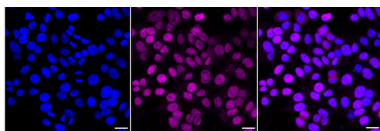
Image Data



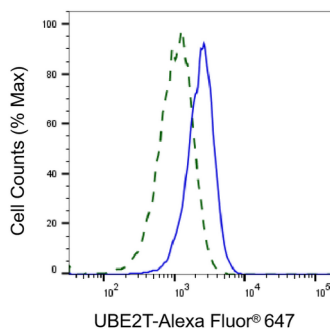
Western blotting analysis using UBE2T antibody (KVA00872). UBE2T expression in wild type (WT) and UBE2T shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with UBE2T antibody (KVA00872, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



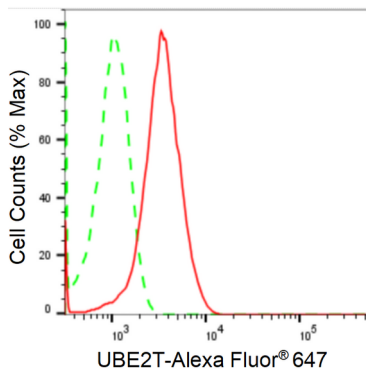
Western blotting analysis using UBE2T antibody (KVA00872). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with UBE2T antibody (KVA00872, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with UBE2T antibody (KVA00872, 1:1,000). Nuclei were stained blue with DAPI; UBE2T 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.



Validation of UBE2T knockdown using flow cytometry. Wild-type (WT, Blue) and knockdown (KD, Green) HeLa cells were stained with UBE2T antibody (KVA00872, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of UBE2T expression in HepG2 cells using UBE2T antibody (KVA00872, 1:2,000). Green, isotype control; red, UBE2T.