

Product Name: KD-Validated HAUS7 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb01230

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: 40.8kDa

Antigen Information

Gene Name	HAUS7
Alternative Names	HAUS7; HAUS Augmin Like Complex Subunit 7; UIP1; UCHL5IP; 26S Proteasome-Associated UCH37-Interacting Protein 1; HAUS Augmin-Like Complex Subunit 7; X-Linked Protein STS1769; 26S Proteasome-Associated UCH Interacting Protein 1; UCH37 Interacting Protein 1; UCHL5 Interacting Protein; UCHL5-Interacting Protein
Gene ID	55559.0
SwissProt ID	Q99871
Immunogen	A synthesized peptide derived from human UCHL5IP

Background

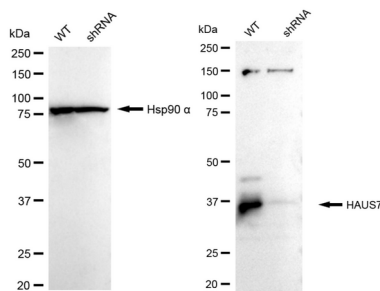
This gene encodes a subunit of the augmin complex, which regulates centrosome and mitotic spindle integrity, and is necessary

for the completion of cytokinesis. The encoded protein was identified by interaction with ubiquitin C-terminal hydrolase 37. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]

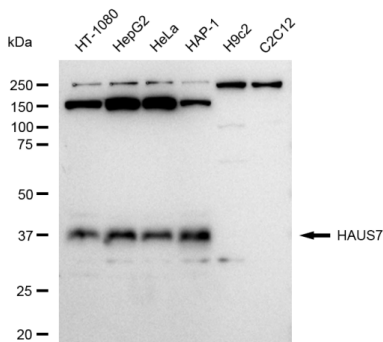
Research Area

Cell Biology

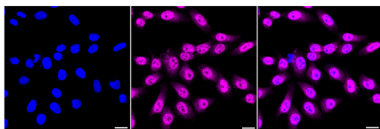
Image Data



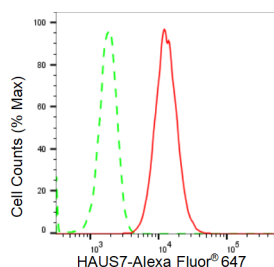
Western blotting analysis using HAUS7 antibody (KVA01230). HAUS7 expression in wild type (WT) and HAUS7 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with HAUS7 antibody (KVA01230, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using HAUS7 antibody (KVA01230). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HAUS7 antibody (KVA01230, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with HAUS7 antibody (KVA01230, 1:1,000). Nuclei were stained blue with DAPI; HAUS7 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 HAUS7 expression in HepG2 cells using HAUS7 antibody (KVA01230, 1:2,000). Green, isotype control; red, HAUS7.