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Ube2L3 / UBCH7 Rabbit mAb

Catalog No.: A20887 **Recombinant**

Basic Information

Observed MW
18kDa

Calculated MW
18kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC2836

Background

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to participate in the ubiquitination of p53, c-Fos, and the NF-kB precursor p105 in vitro. Several alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:20 - 1:100
IF/ICC	1:20 - 1:50

Immunogen Information

Gene ID
7332

Swiss Prot
P68036

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 55-154 of human Ube2L3 / UBCH7 (P68036).

Synonyms
E2-F1; L-UBC; UBCH7; UbcM4; Ube2L3 / UBCH7

Contact

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Product Information

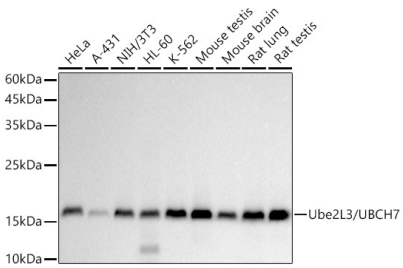
Source
Rabbit

Isotype
IgG

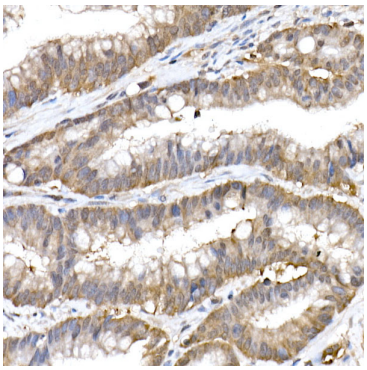
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

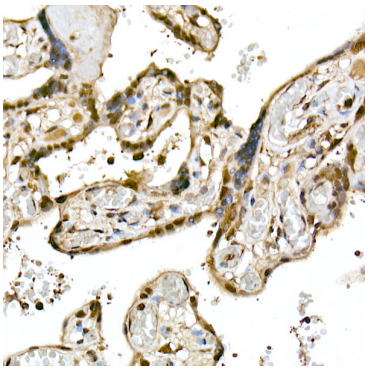
Validation Data



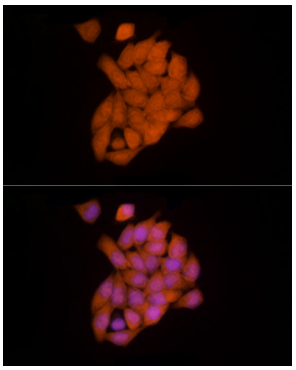
Western blot analysis of various lysates, using Ube2L3/UBCH7 antibody (A20887) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3s.



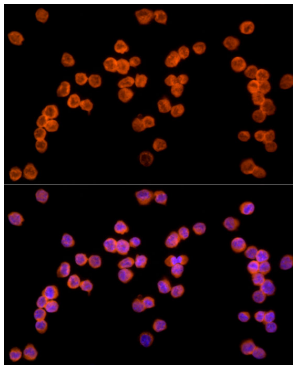
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using Ube2L3 / UBCH7 Rabbit mAb (A20887) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



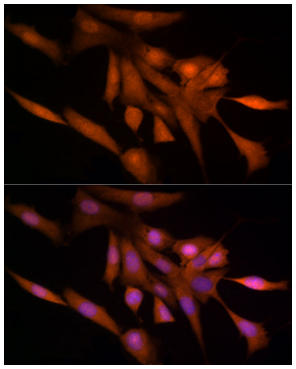
Immunohistochemistry analysis of paraffin-embedded human placenta using Ube2L3 / UBCH7 Rabbit mAb (A20887) at dilution of 1:20 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



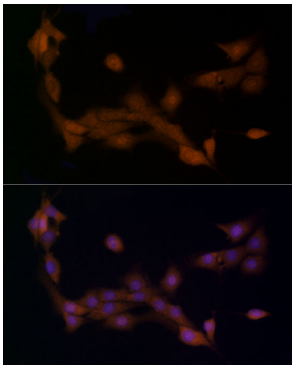
Immunofluorescence analysis of HeLa cells using Ube2L3 / UBCH7 Rabbit mAb (A20887) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of K-562 cells using Ube2L3 / UBCH7 Rabbit mAb (A20887) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.

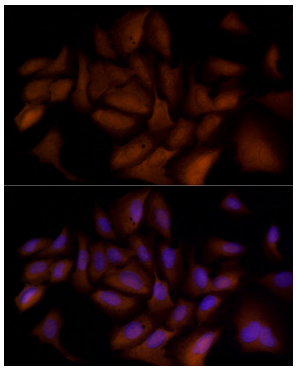


Immunofluorescence analysis of NIH/3T3 cells using Ube2L3 / UBCH7 Rabbit mAb (A20887) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Ube2L3 / UBCH7 Rabbit mAb (A20887) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.

Validation Data



Immunofluorescence analysis of U2OS cells using Ube2L3 / UBCH7 Rabbit mAb (A20887) at dilution of 1:20 (40x lens). Blue: DAPI for nuclear staining.

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