

ARG63598 anti-UBE2L3 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes UBE2L3
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Cow
Tested Application	ICC/IF, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	UBE2L3
Species	Human
Immunogen	C-EFTKKYGEKRPVD
Conjugation	Un-conjugated
Alternate Names	UbcM4; Ubiquitin-protein ligase L3; Ubiquitin-conjugating enzyme E2-F1; Ubiquitin carrier protein L3; E2-F1; EC 6.3.2.19; UBCH7; UbcH7; Ubiquitin-conjugating enzyme E2 L3; L-UBC

Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 22195 Mouse](#)

[GeneID: 7332 Human](#)

[Swiss-port # P68036 Human](#)

[Swiss-port # P68037 Mouse](#)

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- κ B precursor p105 in vitro. Several alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2009]

Research Area

Cell Biology and Cellular Response antibody; Gene Regulation antibody

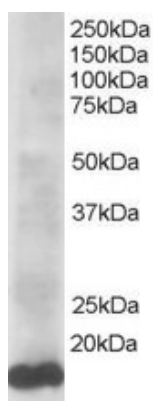
Calculated Mw

18 kDa

PTM

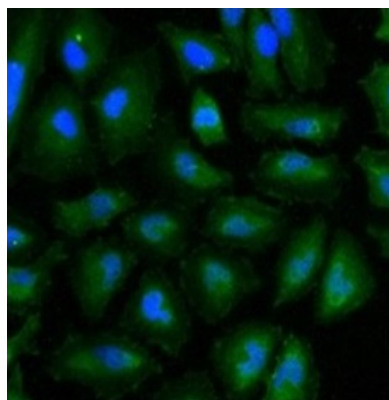
Ubiquitinated. The alteration of UBE2L3 protein levels during the S-phase of the cell cycle is due to ubiquitin-dependent proteasomal degradation.

Images



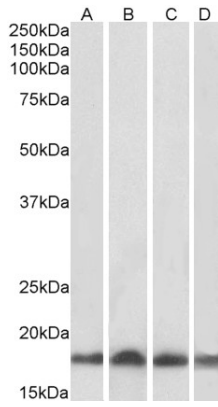
ARG63598 anti-UBE2L3 antibody WB image

Western Blot: HeLa lysate (RIPA buffer, 35 μ g total protein per lane) stained with ARG63598 anti-UBE2L3 antibody at 0.5 μ g/ml dilution.



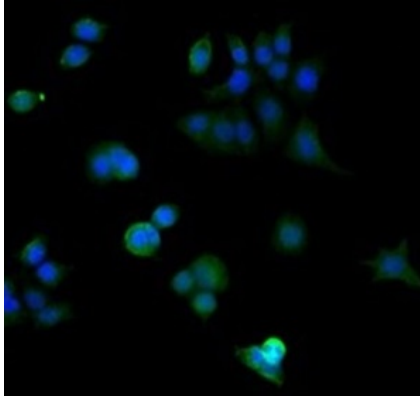
ARG63598 anti-UBE2L3 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG63598 anti-UBE2L3 antibody (green) at 5 μ g/ml dilution. DAPI (blue) for nuclear staining.



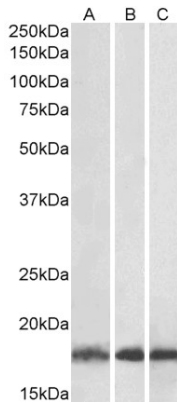
ARG63598 anti-UBE2L3 antibody WB image

Western blot: 35 µg of Human (A), Mouse (B), Rat (C) and Pig (D) heart lysates (in RIPA buffer) stained with ARG63598 anti-UBE2L3 antibody at 0.01 µg/ml dilution and incubated at RT for 1 hour.



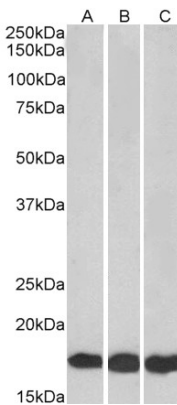
ARG63598 anti-UBE2L3 antibody ICC/IF image

Immunofluorescence: MCF7 cells stained with ARG63598 anti-UBE2L3 antibody (green) at 5 µg/ml dilution. DAPI (blue) for nuclear staining.



ARG63598 anti-UBE2L3 antibody WB image

Western blot: 35 µg of Human (A), Mouse (B) and Rat (C) skeletal muscle lysates (in RIPA buffer) stained with ARG63598 anti-UBE2L3 antibody at 0.03 µg/ml dilution and incubated at RT for 1 hour.



ARG63598 anti-UBE2L3 antibody WB image

Western blot: 35 µg of HEK293 (A), HepG2 (B) and Jurkat (C) cell lysates (in RIPA buffer) stained with ARG63598 anti-UBE2L3 antibody at 0.01 µg/ml dilution and incubated at RT for 1 hour.