

ARG64919 anti-UBE2F / NCE2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes UBE2F / NCE2
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Rat, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	UBE2F / NCE2
Species	Human
Immunogen	C-HLRDKEDFRNKVDD
Conjugation	Un-conjugated
Alternate Names	NEDD8-conjugating enzyme 2; EC 6.3.2.-; NEDD8-conjugating enzyme UBE2F; Ubiquitin-conjugating enzyme E2 F; NEDD8 carrier protein UBE2F; NCE2; NEDD8 protein ligase UBE2F

Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml
	WB	0.05 - 0.2 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 antigen affinity chromatography.
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: 140739 Human](#)

[GeneID: 67921 Mouse](#)

[Swiss-port # Q969M7 Human](#)

[Swiss-port # Q9CY34 Mouse](#)

Gene Symbol

UBE2F

Gene Full Name

ubiquitin-conjugating enzyme E2F (putative)

Function

Accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins. The specific interaction with the E3 ubiquitin ligase RBX2, but not RBX1, suggests that the RBX2-UBE2F complex neddylates specific target proteins, such as CUL5. [UniProt]

Research Area

Cell Biology and Cellular Response antibody; Gene Regulation antibody

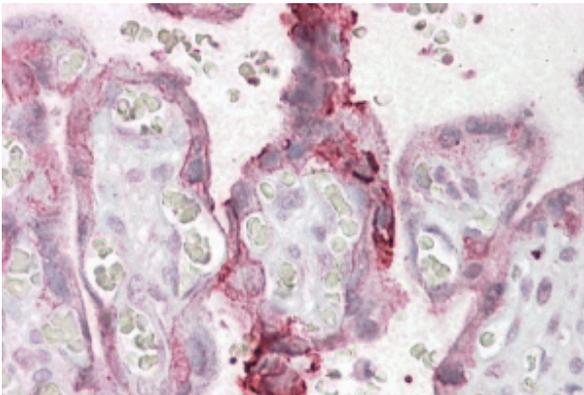
Calculated Mw

21 kDa

PTM

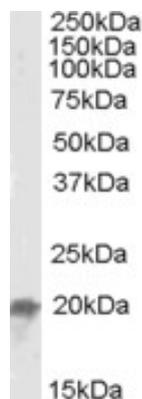
The acetylation of Met-1 increases affinity for DCUN1D3 by about 2 orders of magnitude and is crucial for NEDD8 transfer to cullins.

Images



ARG64919 anti-UBE2F / NCE2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue stained with ARG64919 anti-UBE2F / NCE2 antibody shows membrane staining in trophoblasts. Recommended concentration: 2.5 - 3.8 µg/ml dilution.



ARG64919 anti-UBE2F / NCE2 antibody WB image

Western blot: 35 µg of Mouse liver lysate (in RIPA buffer) stained with ARG64919 anti-UBE2F / NCE2 antibody at 0.05 µg/ml dilution and incubated at RT for 1 hour.