

Product Datasheet

UbcH10/UBE2C Antibody NB100-1084

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1084

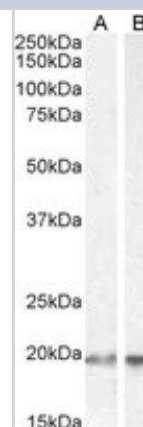
UbcH10/UBE2C Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	11065
Gene Symbol	UBE2C
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise all reported isoforms. Variants NP_861517.1 and NP_861518.1 encode the same isoform.
Immunogen	Peptide with sequence C-QETYISKQVTSQEP corresponding to C-Terminus according to NP_008950.1, NP_861515.1, NP_861516.1, NP_861517.1, NP_861518.1.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Peptide ELISA
Recommended Dilutions	Western Blot 1-3 ug/ml, Flow Cytometry 10 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunoprecipitation, Peptide ELISA Detection limit 1:32000
Application Notes	<p>Western blot: Approx.19KDa band observed in lysates of cell lines HeLa and HEK293 (calculated MW of 19.7kDa according to NP_008950.1). Primary incubation 1 hour at room temperature.</p> <p>Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U2OS and MCF7 cells.</p> <p>Flow Cytometry: Flow cytometric analysis of HeLa cells.</p> <p>Immunoprecipitation: 20KDa band precipitated from mitotic HeLa whole cell lysates using protein-G dynabeads.</p>

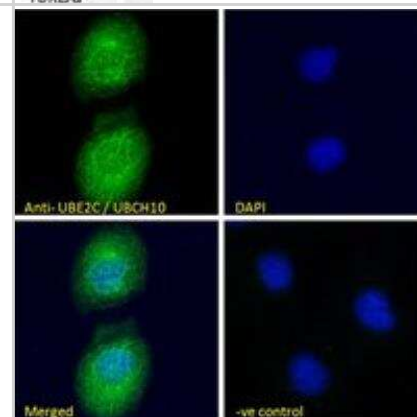


Images

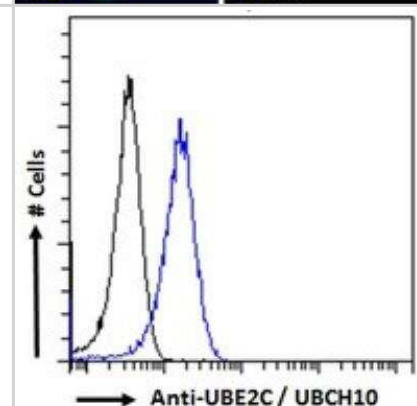
Western Blot: UbchH10/UBE2C Antibody [NB100-1084] - (2ug/ml) staining of HEK293 (A) and HeLa (B) cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



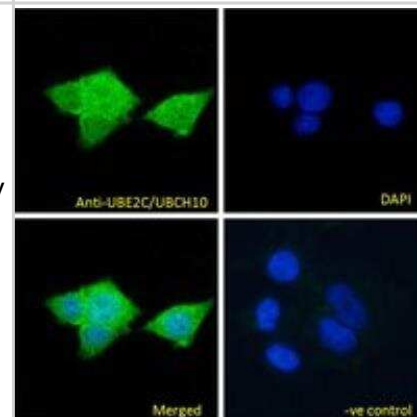
Immunocytochemistry/Immunofluorescence: UbchH10/UBE2C Antibody [NB100-1084] - Analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic /Plasma Membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



Flow Cytometry: UbchH10/UBE2C Antibody [NB100-1084] - Analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/Immunofluorescence: UbchH10/UBE2C Antibody [NB100-1084] - Analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



Publications

Townsend FM, Aristarkhov A, Beck S et al. Dominant-negative cyclin-selective ubiquitin carrier protein E2-C/UbcH10 blocks cells in metaphase. Proc Natl Acad Sci U S A 1997-03-18 [PMID: 9122200]



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Products Related to NB100-1084

NBL1-17514	Ubch10/UBE2C Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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