

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**UbchH10/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 |

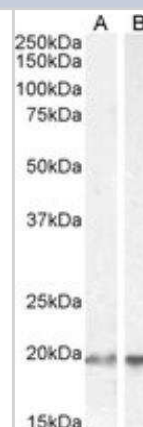
| Product Description | |
|--------------------------------|---|
| Description | Novus Biologicals Goat UbchH10/UBE2C Antibody (NB100-1084) is a polyclonal antibody validated for use in WB, ELISA, Flow, ICC/IF and IP. Anti-UbchH10/UBE2C Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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-QETYSKQVTSQEP 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 | 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. Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U2OS and MCF7 cells. Flow Cytometry: Flow cytometric analysis of HeLa cells. Immunoprecipitation: 20KDa band precipitated from mitotic HeLa whole cell lysates using protein-G dynabeads. |

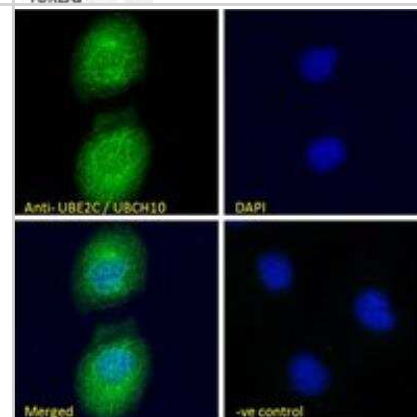


Images

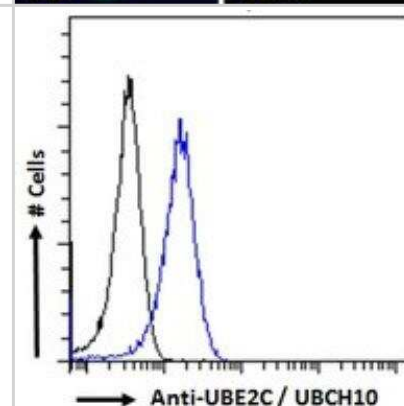
Western Blot: UbchH10/UBE2C Antibody [NB100-1084] - (2ug/ml) staining of HEK293 (A) and HeLa (B) cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



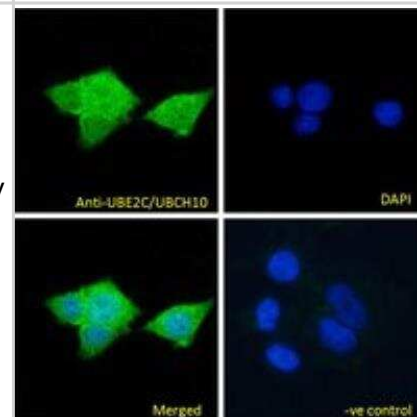
Immunocytochemistry/Immunofluorescence: UbchH10/UBE2C Antibody [NB100-1084] - Analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic /Plasma Membrane staining. The nuclear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