

Anti-HJURP antibody ab100800

★★★★★ [1 Abreviews](#) [7 References](#) [3 Images](#)

Overview

Product name	Anti-HJURP antibody
Description	Rabbit polyclonal to HJURP
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human HJURP aa 650-750. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q8NCD3
General notes	<p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	Immunogen affinity purified
Purification notes	Purified using an epitope specific to HJURP immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab100800 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.04 µg/ml. Predicted molecular weight: 84 kDa.
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/5000.

Target

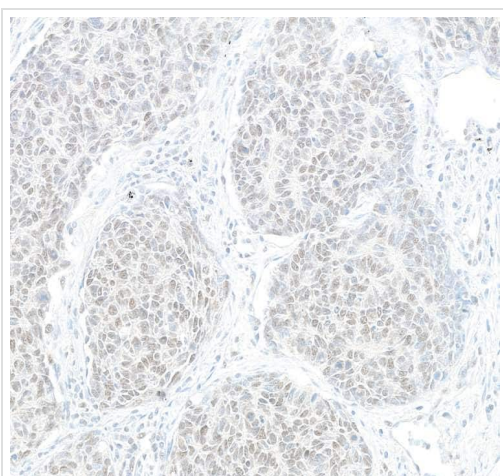
Relevance

Centromeric protein that plays a central role in the incorporation and maintenance of histone H3-like variant CENPA at centromeres. Acts as a specific chaperone for CENPA and is required for the incorporation of newly synthesized CENPA molecules into nucleosomes at replicated centromeres. Directly binds Holliday junctions.

Cellular localization

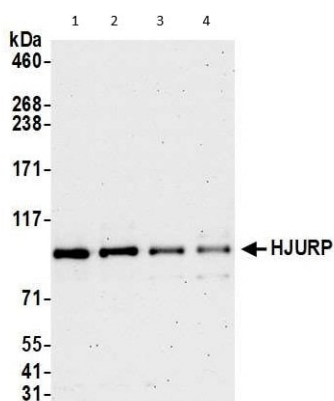
Nucleus; nucleolus. Centromere. Note: Localizes in centromeres during late telophase and early G1, when CENPA nucleosomes are assembled. Localizes to nucleolus during S phase, nucleolus site being often related to storage.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung carcinoma tissue labelling HJURP with ab100800 at 1/5000 (0.2µg/mg). Detection: DAB.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HJURP antibody (ab100800)



Western blot - Anti-HJURP antibody (ab100800)

All lanes : Anti-HJURP antibody (ab100800) at 0.04 µg/ml

Lane 1 : K-562 whole cell lysate

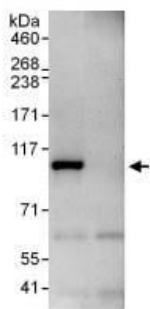
Lane 2 : U2OS whole cell lysate

Lane 3 : HeLa whole cell lysate

Lane 4 : MCF-7 whole cell lysate

Lysates/proteins at 2 µg per lane.

Predicted band size: 84 kDa



Immunoprecipitation - Anti-HJURP antibody
(ab100800)

ab100800 at 1 µg/ml staining HJURP in HeLa cell lysate

immunoprecipitated using ab100800 at 3 µg/mg lysate (1 mg/IP;
20% of IP loaded/lane). Exposure time: 30 seconds

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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