

Datasheet for ABIN2856327
anti-NCBP1 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	NCBP1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human CBP80. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to NCBP1 (nuclear cap binding protein subunit 1, 80 kDa) NCBP1 antibody [N2], N-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NCBP1
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Target Details

Alternative Name:	nuclear cap binding protein subunit 1 (NCBP1 Products)
Background:	<p>The product of this gene is a component of the nuclear cap-binding protein complex (CBC), which binds to the monomethylated 5' cap of nascent pre-mRNA in the nucleoplasm. The encoded protein promotes high-affinity mRNA-cap binding and associates with the CTD of RNA polymerase II. The CBC promotes pre-mRNA splicing, 3'-end processing, RNA nuclear export, and nonsense-mediated mRNA decay.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	92 kDa
Gene ID:	4686
UniProt:	Q09161
Pathways:	Ribonucleoprotein Complex Subunit Organization , Photoperiodism , Methionine Biosynthetic Process

Application Details

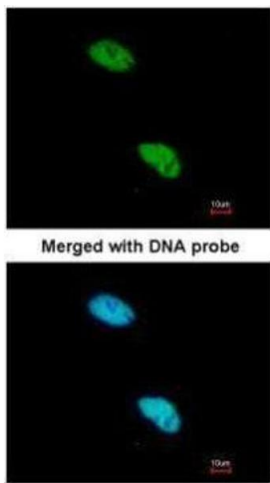
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

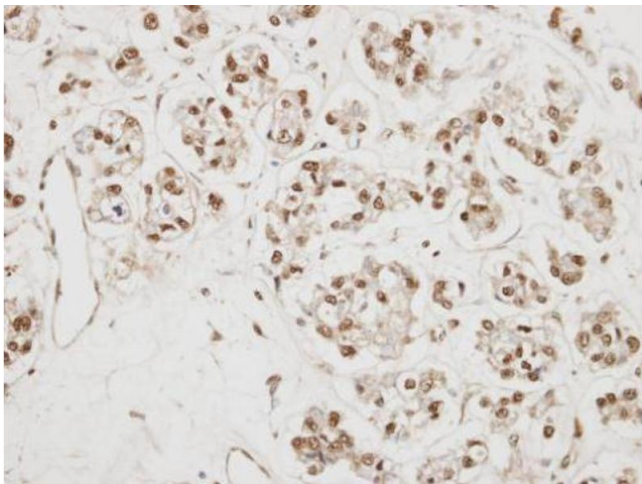
multiple freeze-thaw cycles.

Images



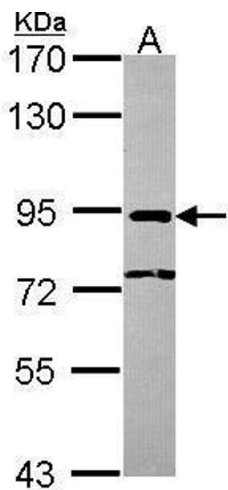
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using CBP80 , antibody at 1:200 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded OVCA xenograft, using NCBP1, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: A431 , 7.5% SDS PAGE antibody diluted at 1:2000