

Rabbit anti-Human NCL Polyclonal Antibody | anti-NCL antibody

Anti-NCL Antibody, Rabbit Polyclonal

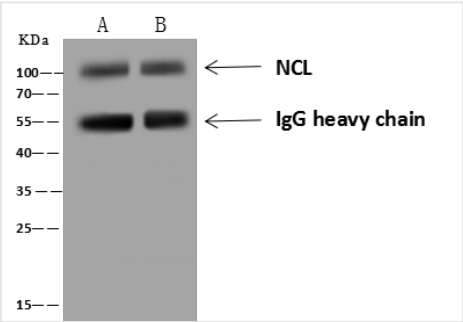
CATALOG # AAA258514	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

NCL; Polyclonal Antibody; Anti-NCL Antibody; Rabbit Polyclonal; NCL Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-C23 Antibody; nucleolin; anti-NCL antibody

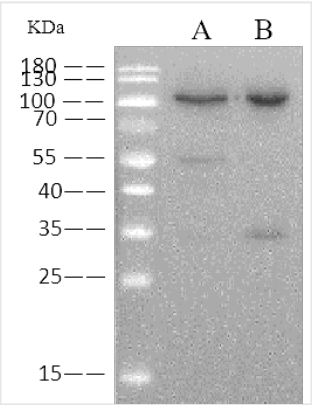
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NCL
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NCL antibody	IP (Immunoprecipitation), WB (Western Blot)
Conjugation	Unconjugated
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human NCL
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human NCL, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

NCL was immunoprecipitated using: Lane A:0.5 mg Jurkat Whole Cell Lysate Lane B:0.5 mg K562 Whole Cell Lysate 4 uL anti- NCL rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti- NCL rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 76kDa Observed band size :100 kDa



WB (Western Blot)

Anti-NCL rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: K562 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:76 kDa Observed band size:105 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NCL antibody

Nucleolin (NCL) is a multifunctional protein that is mainly localized in the nucleolus, it is also found in the nucleoplasm, cytoplasm and cell membrane. The three main structural domains allow the interaction of NCL with different proteins and RNA sequences. Moreover, specific post-translational modifications and its shuttling property also contribute to its multifunctionality. NCL has been demonstrated to be involved in a variety of aspects such as ribosome biogenesis, chromatin organization and stability, DNA and RNA metabolism, cytokinesis, cell proliferation, angiogenesis, apoptosis regulation, stress response and microRNA processing. NCL has been increasingly implicated in several pathological processes, especially in tumorigenesis and viral infection, which makes NCL a potential target for the development of anti-tumor and anti-viral strategies.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.