

Rabbit anti-Human Nucleostemin Polyclonal Antibody | anti-GNL3 antibody

Anti-Nucleostemin Antibody, Rabbit Polyclonal

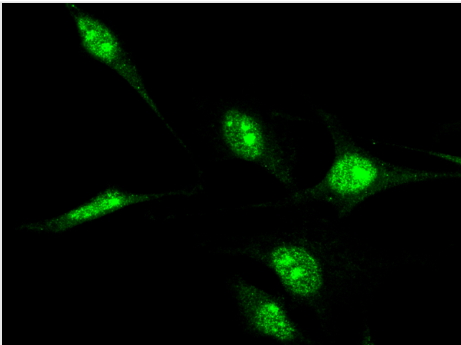
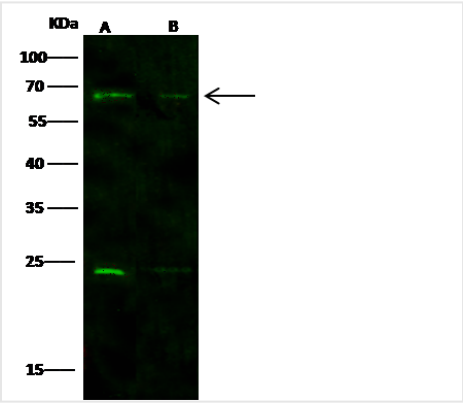
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254311	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Nucleostemin; Polyclonal Antibody; Anti-Nucleostemin Antibody; Rabbit Polyclonal; GNL3/Nucleostemin Antibody; Rabbit PAb; Antigen Affinity Purified; guanine nucleotide binding protein-like 3 (nucleolar); Anti-C77032 Antibody; Anti-E2IG3 Antibody; Anti-NNP47 Antibody; Anti-NS Antibody; anti-GNL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human GNL3/Nucleostemin
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-GNL3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human GNL3/Nucleostemin
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human GNL3/Nucleostemin, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 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.



IF (Immunofluorescence)
Immunofluorescence staining of GNL3 in HeLa cells. Cells were fixed with 4% PFA,blocked with 10% serum, and incubated with rabbit anti-human GNL3 polyclonal antibody (1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green)Positive staining was localized to nucleus..

WB (Western Blot)
Anti-GNL3 rabbit polyclonal antibody at 1:500 dilutionLane A: K562 Whole Cell LysateLane B: HeLa Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:62 kDaObserved band size:62 kDa(We are unsure as to the identity of these extra bands.

ADDITIONAL INFORMATION

Related Product Information for anti-GNL3 antibody	GNL3 (G Protein Nucleolar 3, also known as NS) is a Protein Coding gene. GNL3 belongs to the TRAFAC class YlqF/YawG GTPase family. The protein encoded by this gene may interact with p53 and may be involved in tumorigenesis. GNL3 is widely expressed in the urinary bladder, prostate, and other tissues. GNL3 protein has been recently documented to be a nucleolar protein that was abundantly expressed in stem cells and cancer cells. NS may contribute to sorafenib resistance in HCC cells through the modulation of the p53 pathway and Bcl-2 proteins. That the combination of silencing NS expression and sorafenib treatment is a promising therapeutic strategy in the treatment of HCC. GNL3 is a potential genetic modifier for knee osteoarthritis (KOA) development.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q9BVP2
UniProt Protein Name	Guanine nucleotide-binding protein-like 3
UniProt Gene Name	GNL3
UniProt Synonym Gene Names	E2IG3; NS
UniProt Entry Name	GNL3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nucleostemin-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254311>