

Rabbit anti-Human, Mouse GNL3 Polyclonal Antibody | anti-GNL3 antibody

Rabbit anti-GNL3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211045	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

GNL3; Polyclonal Antibody; Rabbit anti-GNL3 Antibody; Affinity Purified; guanine nucleotide-binding protein-like 3; NS; nucleolar GTP-binding protein 3; novel nucleolar protein 47; NNP47; estradiol-induced nucleotide binding protein; E2-induced gene 3 protein; E2IG3; C77032; nucleostemin; guanine nucleotide binding protein-like 3 (nucleolar); Guanine nucleotide-binding protein-like 3; G protein nucleolar 3; anti-GNL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-GNL3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 499 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



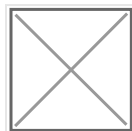
WB (Western Blot)

Detection of human GNL3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GNL3 antibody AAA211045 (lot AAA211045-3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



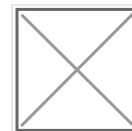
WB (Western Blot)

Detection of mouse GNL3 by western blot. Samples: Whole cell lysate (50 ug) from TMCK-1 and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GNL3 antibody AAA211045 (lot AAA211045-3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human GNL3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GNL3 antibody AAA211045 (lot AAA211045-3) used for IP at 6 ug per reaction. GNL3 was also immunoprecipitated by a previous lot of this antibody (lot AAA211045-2). For blotting immunoprecipitated GNL3, AAA211045 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IHC (Immunohistochemistry)

Detection of mouse GNL3 by immunohistochemistry. Sample: FFPE section of mouse CT26 colon carcinoma. Antibody: Affinity purified rabbit anti-GNL3 (Cat. No. AAA211045 lot 3) used at a dilution of 1:200 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human GNL3 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-GNL3 (Cat. No. AAA211045 lot 3) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-GNL3 antibody	GNL3 (guanine nucleotide binding protein-like 3), also known as nucleostemin (NS), was identified as a protein highly expressed in stem cells and downregulated in differentiated cells. GNL3 has also been found to be highly expressed in some cancer cell lines, and may play an important role in the control of cell proliferation. GNL3 functions as a GTPase and functions in the processing of nucleolar pre-rRNA.
Product Categories/Family for anti-GNL3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45593130
NCBI GeneID	26354
NCBI Accession #	NP_055181.3; NP_996561.1
NCBI GenBank Nucleotide #	NM_014366.4
UniProt Accession #	Q9BVP2; Q5PU80; Q96SV6; Q96SV7; Q9UJY0; B2RDC1
Molecular Weight	60,540 Da
NCBI Official Full Name	guanine nucleotide-binding protein-like 3 isoform 1
NCBI Official Synonym Full Names	G protein nucleolar 3
NCBI Official Symbol	GNL3
NCBI Official Synonym Symbols	NS; E2IG3; NNP47; C77032
NCBI Protein Information	guanine nucleotide-binding protein-like 3
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gnl3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211045>