

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

Rabbit anti-NIPBL Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211627	Rabbit	Human	Immunoprecipitation, Western Blot

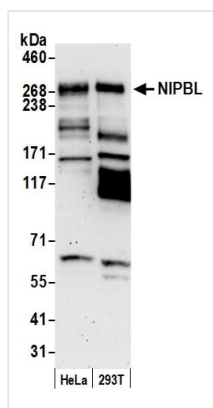
PRODUCT SYNONYMS

NIPBL; Polyclonal Antibody; Rabbit anti-NIPBL Antibody; Affinity Purified; Nipped-B homolog; SCC2 homolog; sister chromatid cohesion 2 homolog; nipped-B-like protein; IDN3; delangin; CDLS1; CDLS; IDN3-B; Scc2; Nipped-B-like protein; cohesin loading factor; anti-NIPBL antibody

PRODUCT SPECIFICATIONS

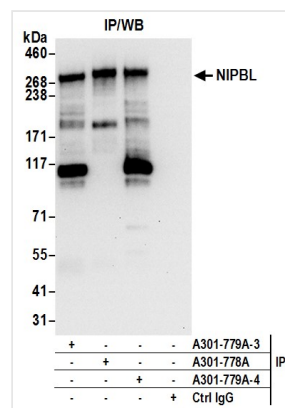
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NIPBL antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1025 and 1075
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 NIPBL by western blot. Samples: Whole cell lysate (15 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NIPBL antibody AAA211627 (lot AAA211627-4) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human NIPBL by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-NIPBL antibody AAA211627 (lot AAA211627-4) used for IP at 3 ug per reaction. NIPBL was also immunoprecipitated by a previous lot of this antibody (lot AAA211627-3) and rabbit anti-NIPBL antibody For blotting immunoprecipitated NIPBL, AAA211627 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NIPBL antibody	The NIPBL (Nipped B-like) gene was originally identified as a gene mutated in individuals with Cornelia de Lange syndrome (CdLS), a heterogenous developmental disorder associated with multiple anatomical malformations. The NIPBL protein product is also referred to as delangin. It has substantial homology to the D. melanogaster Nipped-B protein which is related to a family of chromosomal adherins that plays a role in sister chromatid adhesion, chromosome condensation, and DNA repair. A study of metaphase spreads from individuals positive and negative for NIPBL mutations revealed an association between NIPBL mutations and precocious sister chromatid separation. This result suggests a function for NIPBL that is similar to its homolog in drosophila.
Product Categories/Family for anti-NIPBL antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47578105
NCBI GeneID	25836
NCBI Accession #	NP_597677.2; NP_056199.2
NCBI GenBank Nucleotide #	NM_133433.3
UniProt Accession #	Q6KC79; Q6KCD6; Q6N080; Q6ZT92; Q7Z2E6; Q8N4M5; Q9Y6Y3; Q9Y6Y4
Molecular Weight	122,367 Da
NCBI Official Full Name	nipped-B-like protein isoform A
NCBI Official Synonym Full Names	NIPBL, cohesin loading factor
NCBI Official Symbol	NIPBL
NCBI Official Synonym Symbols	CDLS; IDN3; Scc2; CDLS1; IDN3-B
NCBI Protein Information	nipped-B-like protein
UniProt Protein Name	Nipped-B-like protein
UniProt Gene Name	NIPBL
UniProt Synonym Gene Names	IDN3
UniProt Entry Name	NIPBL_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://www.aaabiotech.com/polyclonal/nipbl-antibody-immunoprecipitation-western-blot-elisa/211627>