



# Human NIPBL blocking peptide (CDBP2042)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-NIPBL (aa889-902) antibody
<b>Antigen Description</b>	This gene encodes the homolog of the <i>Drosophila melanogaster</i> Nipped-B gene product and fungal Scc2-type sister chromatid cohesion proteins. The <i>Drosophila</i> protein facilitates enhancer-promoter communication of remote enhancers and plays a role in developmental regulation. It is also homologous to a family of chromosomal adherins with broad roles in sister chromatid cohesion, chromosome condensation, and DNA repair. The human protein has a bipartite nuclear targeting sequence and a putative HEAT repeat. Condensins, cohesins and other complexes with chromosome-related functions also contain HEAT repeats. Mutations in this gene result in Cornelia de Lange syndrome, a disorder characterized by dysmorphic facial features, growth delay, limb reduction defects, and mental retardation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

**Gene Name** [NIPBL Nipped-B homolog \(Drosophila\) \[ Homo sapiens \]](#)

<b>Official Symbol</b>	NIPBL
<b>Synonyms</b>	NIPBL; Nipped-B homolog (Drosophila); nipped-B-like protein; DKFZp434L1319; FLJ11203; FLJ12597; FLJ13354; FLJ13648; IDN3; Scc2; sister chromatid cohesion 2 homolog (yeast); delangin; SCC2 homolog; sister chromatid cohesion 2 homolog; CDLS; CDLS1; IDN3-B; FLJ44854;
<b>Entrez Gene ID</b>	<a href="#">25836</a>
<b>mRNA Refseq</b>	<a href="#">NM_015384</a>
<b>Protein Refseq</b>	<a href="#">NP_056199</a>
<b>UniProt ID</b>	Q6KC79
<b>Chromosome Location</b>	5p13.2
<b>Function</b>	chromo shadow domain binding; histone deacetylase binding; protein C-terminus binding; protein N-terminus binding; protein binding;