



Human NIPBL blocking peptide (CDBP2043)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-NIPBL (aa922-935) antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

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

Official Symbol	NIPBL
Synonyms	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;
Entrez Gene ID	25836
mRNA Refseq	NM_015384
Protein Refseq	NP_056199
UniProt ID	Q6KC79
Chromosome Location	5p13.2
Function	chromo shadow domain binding; histone deacetylase binding; protein C-terminus binding; protein N-terminus binding; protein binding;