

DNAxPAb

Hard-to-Find
Antibody

NIPBL DNAxPab

Catalog # H00025836-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NIPBL DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKCLPENSAPLIEFANVSQGILLMLKQHLKNLCGFSDSKIQKYSPSESAKVYDKAINRKTGVHFKQTLDFLRSDMANSKITEEVKRSVKQYLDKLLMEHLDPDEEEEEGEVSASTNARNKAITSLLGGSPKNNTAAETEDDESDEDRGGGTSGVRRRRSQRISQRIT
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NIPBL

Entrez GeneID	25836
GeneBank Accession#	BC033847.1
Protein Accession#	AAH33847.1
Gene Name	NIPBL
Gene Alias	CDLS, CDLS1, DKFZp434L1319, FLJ11203, FLJ12597, FLJ13354, FLJ13648, FLJ44854, IDN3, IDN3-B
Gene Description	Nipped-B homolog (Drosophila)
Omim ID	122470 608667
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the homolog of the Drosophila melanogaster Nipped-B gene product and fungal Scc2-type sister chromatid cohesion proteins. The Drosophila 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]
Other Designations	OTTHUMP00000116005 SCC2 homolog delangin nipped-B-like

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [De Lange Syndrome](#)