

NIPBL rabbit pAb

Cat No.: ES9928

For research use only

Overview

Product Name NIPBL rabbit pAb

Host species Rabbit
Applications IHC;IF

Species Cross-Reactivity Human; Mouse Recommended dilutions IHC-p 1:50-300

Immunogen Synthesized peptide derived from human protein .

at AA range: 560-640

Specificity NIPBL Polyclonal Antibody detects endogenous

levels of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Nipped-B-like protein (Delangin) (SCC2 homolog)

Gene Name NIPBL IDN3

Cellular localization Nucleus . Chromosome .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 308kD
Human Gene ID 25836
Human Swiss-Prot Number Q6KC79

Alternative Names

Background 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

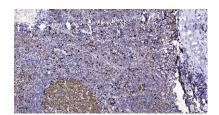


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human protein has a bipartite nuclear targeting sequence and a putative HEAT repeat. Condensins, cohesins and other complexes with chromosome-related functions also contain HEAT repeats. Mutations in this gene result in Cornelia de Lange syndrome, 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],



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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