

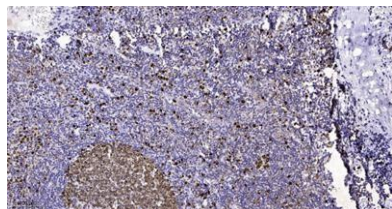
NIPBL Rabbit Polyclonal Antibody

OPR9928

Reactivity	H,M	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	IHC; IF
Isotype	IgG	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Image



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

Immunogen Information

Immunogen	Synthesized peptide derived from human Protein at AA range: 560-640.
Swissprot	Q6KC79

Product Information

Observed MW	308kD
Buffer	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Dilution	IHC-p :- 1:50 -300

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

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 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.

Research Use

For research use only, not for use in diagnostic procedure

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z- Zebrafish; X-Xenopus; C-Cow,Is-Insect,Ys- yeast.

Please contact Origin Diagnostics and Research for further assistance

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