003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

# NIPBL Polyclonal Antibody

**Cat #:** G-AB-04324

**Host:** Rabbit **Reactivity:** Human, Mouse

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
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 cognitive disability. Two transcript variants encoding different isoforms have been found for this gene.

**Gene ID:**

**Accession #:** BC033847

**Immunogen:** Fusion protein of human NIPBL

**Conjugation:** Unconjugated

**Swissprot:** Q6KC79

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 0.9 mg/mL

**Buffer:** PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

**Purification Method:** Antigen affinity purification

**Application:** IHC,ELISA

**Dilution:** IHC 1:50-1:200, ELISA 1:5000-1:10000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.