

Goat anti-NIPBL (aa889-902) Antibody

Item Number	dAP-2112
Target Molecule	Principle Name: NIPBL (aa889-902); Official Symbol: NIPBL; All Names and Symbols: NIPBL; Nipped-B homolog (Drosophila); CDLS; CDLS1; DKFZp434L1319; FLJ11203; FLJ12597; FLJ13354; FLJ13648; FLJ44854; IDN3; IDN3-B; Scc2; SCC2 homolog; delangin; nipped-B-like; sister chromatid cohesion 2 homolog; Accession Number (s): NP_597677.2; NP_056199.2; Human Gene ID(s): 25836; Non-Human Gene-ID(s): 71175 (mouse) 294787 (rat)
Immunogen	RPDSPRVKQGDSNK, is from internal region This antibody is expected to recognize both reported isoforms (NP_597677.2; NP_056199.2).
Applications	Pep ELISA, IHC, IF Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	
IHC	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 2µg/ml.
Reference	Reference(s): Liu J, Zhang Z, Bando M, Itoh T, Deardorff MA, Clark D, Kaur M, Tandy S, Kondoh T, Rappaport E, Spinner NB, Vega H, Jackson LG, Shirahige K, Krantz ID, Transcriptional dysregulation in NIPBL and cohesin mutant human cells. PLoS biology 2009 May 7 (5): e1000119..PMID: 19468298->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**