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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB10055 - Goat Anti-NIPBL (aa889-902) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CDLS, CDLS1, DKFZp434L1319, FLJ11203, FLJ12597, FLJ13354, FLJ13648, FLJ44854, IDN3, IDN3-B, Nipped-B homolog (Drosophila), nipped-B-like, Scc2, SCC2 homolog, sister chromatid cohesion 2 homolog, NIPBL

Official Symbol: NIPBL

Accession Number(s): NP_597677.2; NP_056199.2

Human GeneID(s): [25836](#)

Non-Human GeneID(s): 71175 (mouse), 294787 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_597677.2; NP_056199.2).

Immunogen

Peptide with sequence C-RPDSPRVKQGDSNK, from the internal region of the protein sequence according to NP_597677.2; NP_056199.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 2µg/ml.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nucleus of HeLa cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

EB10055 (2µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.

EB10055 Negative Control showing staining of paraffin embedded Human Cerebellum, with no primary antibody.

EB10055 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).