

International Office

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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

C

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.

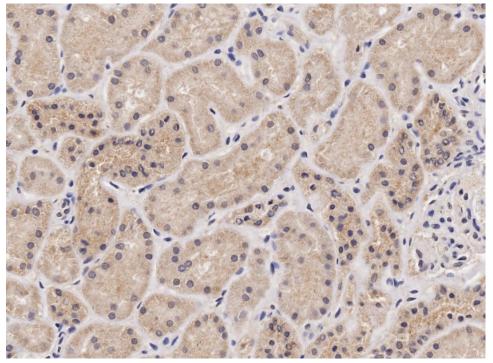
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000. **IHC:** Paraffin embedded Human Kidney. Recommended concentration: 2µg/ml.

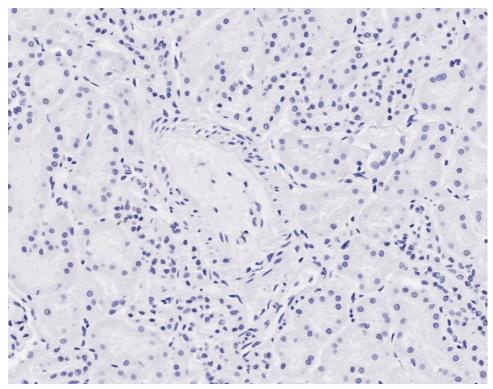
Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of HeLa cells. Recommended concentration: 10µg/ml.

Species Reactivity

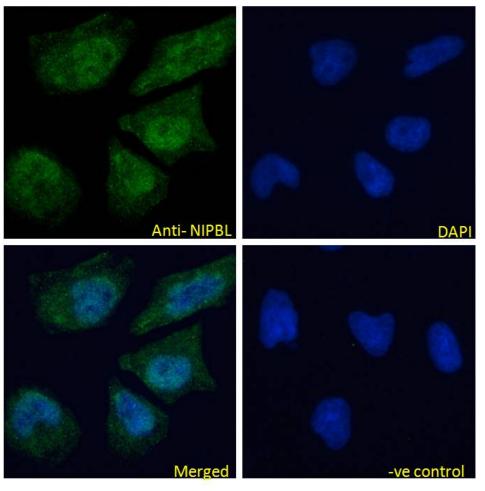
Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



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).