

### **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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 GenelD(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.

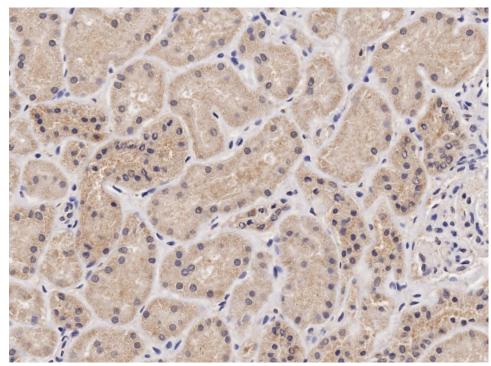
Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei

of HeLa cells. Recommended concentration: 10µg/ml.

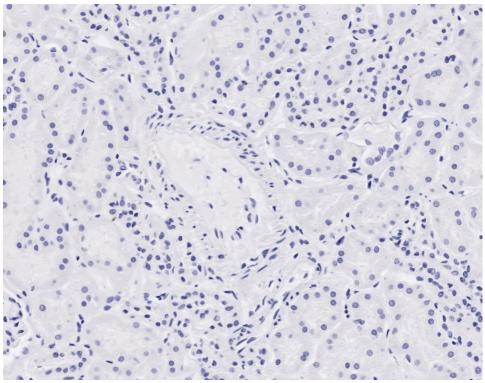
#### **Species Reactivity**

Tested: Human

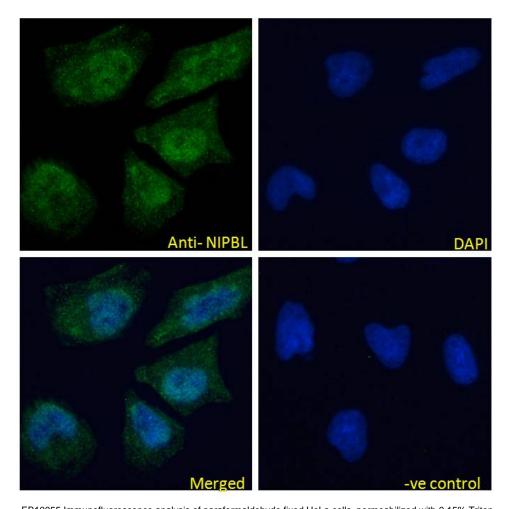
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



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



 ${\sf EB10055\ Negative\ Control\ showing\ staining\ of\ paraffin\ embedded\ Human\ Cerebellum,\ with\ no\ primary\ antibody.}$ 



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).