

## **UK Office**

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# EB05905 - Goat Anti-Npap60 / Nup50 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: NUP50, NPAP60, NPAP60L, MGC39961, DKFZP564A043, nucleoporin 50kDa, nuclear pore-associated protein 60L, CTA-268H5.7, OTTHUMP00000199530 Official Symbol: NUP50 Accession Number(s): NP\_009103.2; NP\_705931.1 Human GenelD(s): 10762 Non-Human GenelD(s): 18141 (mouse) Important Comments: This antibody is expected to recognise both reported isoforms (NP\_009103.2; NP\_705931.1).

#### Immunogen

Peptide with sequence C-ELHKILLEKKDA, from the C Terminus of the protein sequence according to NP\_009103.2; NP\_705931.1.

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.

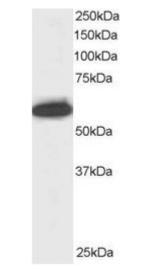
## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

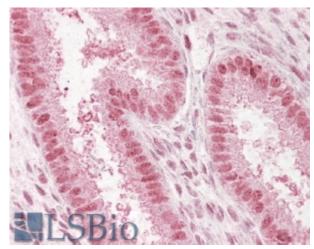
**Western blot:** Approx 60kDa band observed in lysates of cell line Jurkat (calculated MW 50.1 kDa according to NP\_009103.2). Recommended for use at 0.2-1µg/ml. **IHC:** In paraffin embedded Human Uterus shows textured nuclear staining of endometrial cells. Recommended concentration, 2.5-3.8µg/ml.

## **Species Reactivity**

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



EB05905 staining (0.5µg/ml) of Jurkat lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05905 (3.8µg/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.