

## UK Office

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

## 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 GeneID(s):** [10762](#)

**Non-Human GeneID(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.