



## UK Office

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

## EB10520 - Goat Anti-NEK7 (aa 274-286) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NIMA (never in mitosis gene a)-related kinase 7, NIMA-related kinase 7, NEK7

**Official Symbol:** NEK7

**Accession Number(s):** NP\_598001.1

**Human GeneID(s):** [140609](#)

**Non-Human GeneID(s):** 59125 (mouse), 360850 (rat)

### Immunogen

Peptide with sequence CINPDPEKRPDVT, from the C Terminus of the protein sequence according to NP\_598001.1.

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 30-33kDa band observed in Human Lung and Testis lysates and in Mouse and Rat Lung and Testis lysates (calculated MW of 34.6kDa according to Human NP\_598001.1 and 34.5kDa according to Mouse NP\_067618.1). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

EB10520 (0.1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.

EB10520 (0.3µg/ml) staining of Mouse Lung (A), Mouse Testis (B), Rat Lung (C) and Rat Testis (D) lysates  
(35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.