

## UK Office

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

## EB07367 - Goat Anti-PAK1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PAK1, p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast), MGC130000, MGC130001, PAKalpha, p21-activated kinase 1, p21/Cdc42/Rac1-activated kinase 1 (yeast Ste20-related)

**Official Symbol:** PAK1

**Accession Number(s):** NP\_002567.3

**Human GeneID(s):** [5058](#)

**Non-Human GeneID(s):** 18479 (mouse), 29431 (rat)

**Important Comments:** No cross-reactivity expected with PAK3

### Immunogen

Peptide with sequence C-NTEKQKKKPKMSDE, from the internal region of the protein sequence according to NP\_002567.3.

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 1:1000.

**Western blot:** Approx 65kDa band observed in Human Brain (Cerebral Cortex and Hippocampus) lysates (calculated MW of 60.6kDa according to NP\_002567.3).

Recommended concentration: 0.5-1.5µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

EB07367 (0.5µg/ml) staining of Human Brain (Cerebral Cortex) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.