

## UK Office

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

## EB08645 - Goat Anti-AKAP10 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AKAP10, A kinase (PRKA) anchor protein 10, D-AKAP2, MGC9414, PRKA10, A-kinase anchor protein 10, dual-specificity A-kinase anchoring protein 2, mitochondrial A kinase PPKA anchor protein 10, protein kinase A anchoring protein 10

**Official Symbol:** AKAP10

**Accession Number(s):** NP\_009133.2

**Human GeneID(s):** [11216](#)

**Non-Human GeneID(s):** 56697 (mouse), 360540 (rat)

### Immunogen

Peptide with sequence C-RKVGKKEQEKTS, from the internal region of the protein sequence according to NP\_009133.2.

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

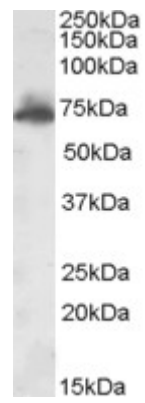
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**Western blot:** Approx. 74kDa band observed in Rat Brain lysates (calculated MW of 73.8kDa according to Human NP\_009133.2 and according to Rat NP\_001108078.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Rat

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



EB08645 (1µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.