EB08645 - Goat Anti-AKAP10 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

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

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