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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06654 - Goat Anti-AKAP9 / AKAP450 / CG-NAP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** AKAP9-BRAF fusion protein, A-kinase anchor protein 9, MU-RMS-40.16A, AKAP450, centrosome- and golgi-localized protein, protein kinase A anchoring protein 9, A-kinase anchor protein, 350kDa, A-kinase anchoring protein 450, kinase N-associated protein, AKAP120-like protein, A kinase (PRKA) anchor protein (yotiao) 9, KIAA0803, HYPERION, AKAP350, YOTIAO, PRKA9, CG-NAP, AKAP9

**Official Symbol:** AKAP9

**Accession Number(s):** NP\_005742.4; NP\_671714.1

**Human GeneID(s):** [10142](#)

**Important Comments:** This antibody is expected to recognise isoforms 2 and 3 (NP\_005742.4; NP\_671714.1 respectively). The isoforms Yotiao, AKAP350B and AKAP350C are not recognized.

### Immunogen

Peptide with sequence C-SGSTTQFHAGMR, from the C Terminus of the protein sequence according to NP\_005742.4; NP\_671714.1.

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 450kDa band observed in lysates of cell line HepG2 (calculated MW of 454kDa according to NP\_671700.1). Recommended concentration: 1-3µg/ml.

**IHC:** The staining pattern observed was identical to that obtained with a rabbit polyclonal antibody specific to AKAP350A (to be submitted to a scientific journal).

### Species Reactivity

**Tested:** Human

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