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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