

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.

EB09196 - Goat Anti-AKAP9 / YOTIAO Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: AKAP9

Accession Number(s): NP_005742.4; NP_671714.1

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

Important Comments: This antibody is expected to recognize isoforms 2 and 3 (NP_005742.4; NP_671714.1)

Immunogen

Peptide with sequence QRKAQSDGQSPSKK-C, from the N 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 1:64000.

Western blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 453kDa according to NP_005742.4. Therefore we cannot recommend an optimal concentration and the antibody is an aspiring product. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Dog