EB09196 - Goat Anti-AKAP9 / YOTIAO Antibody

Size: 100µg specific antibody in 200µl

International Office

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Target Protein

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