

## UK Office

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

## EB09196 - Goat Anti-AKAP9 / YOTIAO Antibody

Size: 100µg specific antibody in 200µl



### 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