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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.

## EB06326 - Goat Anti-AKAP8 / AKAP95 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** A-kinase anchor protein, 95kDa, A-kinase anchor protein 8, A kinase anchor protein 95, A kinase (PRKA) anchor protein 8, DKFZp586B1222, AKAP95, AKAP8

**Official Symbol:** AKAP8

**Accession Number(s):** NP\_005849.1

**Human GeneID(s):** [10270](#)

**Non-Human GeneID(s):** 56399 (mouse), 116633 (rat)

### Immunogen

Peptide with sequence DQGYGGYGAWSAG-C, from the N Terminus of the protein sequence according to NP\_005849.1.

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:** Experiments gave a band at approx 100kDa in Human Liver lysate after 1µg/ml antibody staining. This band corresponds to the 95kDa band reported in literature (PMID: 10601332). This protein has a calculated MW of 76.1kDa according to NP\_005849. Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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

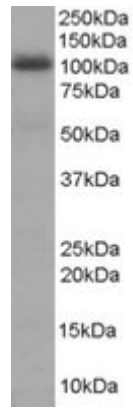
### Specific Reference

The goat polyclonal antibody used in this paper was manufactured by us:

Zhang W, St-Gelais F, Grabner CP, Trinidad JC, Sumioka A, Morimoto-Tomita M, Kim KS, Straub C, Burlingame AL, Howe JR, Tomita S.

A transmembrane accessory subunit that modulates kainate-type glutamate receptors. Neuron. 2009 Feb 12;61(3):385-96.

**PMID:** 19217376



EB06326 staining (1 $\mu$ g/ml) of Human Liver lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.