



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, United Kingdom

everestbiotech.com

sales@everestbiotech.com

support@everestbiotech.com

Tel +44 1869 238326

Fax +44 1869 238327

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

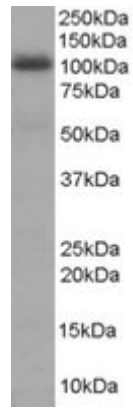
Specific Reference

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