

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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EB06326 - Goat Anti-AKAP8 / AKAP95 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

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

Official Symbol: AKAP8

Accession Number(s): NP_005849.1

Human GeneID(s): 10270

Non-Human GenelD(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



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