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Research Use Only. Not for diagnostic or therapeutic use.

EB05393-B - Goat Anti-AIBZIP / CREB3L4, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CREB3L4, cAMP responsive element binding protein 3-like 4, AIBZIP, ATCE1, CREB3, CREB4, JAL, hJAL, CREB-4, androgen-induced basic leucine zipper protein, attaching to CRE-like 1, cAMP responsive element binding protein 1, cAMP-responsive element-binding protein 3-like protein 4, cAMP-responsive element-binding protein 4, cyclic AMP-responsive element-binding protein 4, tisp40, transcript induced in spermiogenesis protein 40

Official Symbol: CREB3L4

Accession Number(s): NP_570968.1; NP_001242909.1

Human GeneID(s): 148327

Important Comments: This antibody is expected to recognize both reported isoforms (NP_570968.1; NP_001242909.1). Reported variants represent identical protein: NP_001242908.1, NP_570968.1, NP_001242907.1 Reported variants represent identical

protein: NP_001242909.1, NP_001242910.1

Immunogen

Peptide with sequence CPSGRIRSVLHADEM., from the C Terminus of the protein sequence according to NP_570968.1; NP_001242909.1.

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: Approx 50kDa band observed in Human Placenta lysates (calculated MW of 43.4kDa according to NP_570968.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB05393 (1µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.