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EB05393 - Goat Anti-AIBZIP / CREB3L4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: AIBZIP, cAMP responsive element binding protein 3-like 4, JAL, hJAL, ATCE1, CREB3, CREB4, androgen-induced basic leucine zipper, RP11-422P24.8, OTTHUMP00000035266, cAMP responsive element binding protein 1 Official Symbol: CREB3L4 Accession Number(s): NP_570968.1; NP_001242909.1 Human GeneID(s): <u>148327</u> 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 C-PSGRIRSVLHADEM, 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

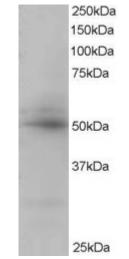
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 50kDa band observed in Human Placenta lysate (calculated MW of 43.4kDa according to NP_570968.1). The observed molecular weight corresponds to the glycosylated form. Recommended for use at $0.5-2\mu g/ml$.

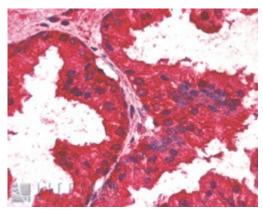
IHC: In paraffin embedded Human Prostate shows strong staining of cytoplasm in the secretory cells of the gland. Recommended concentration, 2-4µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



EB05393 staining (0.5µg/ml) of Human Placenta lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05393 (2.5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.