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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09166 - Goat Anti-AREB6 / ZEB1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ZEB1, AREB6, zinc finger E-box binding homeobox 1, BZP, DELTA-EF1, MGC133261, NIL-2-A, NIL-2A, NIL2A, TCF8, ZEB, ZFHEP, ZFH1A, OTTHUMP00000019405, transcription factor 8 (represses interleukin 2 expression), zinc finger homeodomain enhancer-binding protein

Official Symbol: ZEB1

Accession Number(s): NP_001121600.1; NP_110378.3

Human GeneID(s): [6935](#)

Non-Human GeneID(s): 21417 (mouse), 25705 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_001121600.1; NP_110378.3).

Immunogen

Peptide with sequence C-RPQIRQKIENKPLQE, from the internal region of the protein sequence according to NP_001121600.1; NP_110378.3.

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.100kDa band observed in Mouse Heart lysates (calculated MW of 122kDa according to Human NP_110378.3 and Mouse NP_035676.1). Recommended concentration: 0.05-0.2µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Human and Rat Heart for this particular batch.

Immunofluorescence: Strong expression of the protein seen in the nuclei and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat

EB09166 (0.05µg/ml) staining of Mouse Heart lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB09166 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).