

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

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, ZFHX1A, 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 GenelD(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.

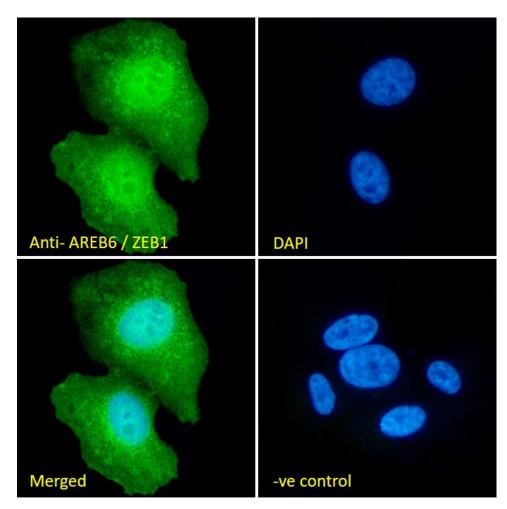
Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat



EB09166 ($0.05\mu g/ml$) staining of Mouse Heart lysate ($35\mu g$ 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).