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Goat anti-AREB6 / ZEB1 Antibody

Item Number	dAP-1719
Target Molecule	Principle Name: AREB6 / ZEB1; Official Symbol: ZEB1; All Names and Symbols: 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 prote; Accession Number (s): NP_001121600.1; NP_110378.3; Human Gene ID(s): 6935; Non-Human GeneID(s): 21417 (mouse) 25705 (rat)
Immunogen	RPQIRQKIENKPLQE, is from internal region This antibody is expected to recognize both reported isoforms (NP_001121600.1; NP_110378.3).
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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
IHC	
Reference	Reference(s): Park SM, Gaur AB, Lengyel E, Peter ME. The miR-200 family determines the epithelial phenotype of cancer cells by targeting the E-cadherin repressors ZEB1 and ZEB2. Genes Dev. 2008 Apr 22 (7): 894-907..PMID: 18381893->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only