
ZBED1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254050

Unit: 0.1 mg

Description:

ZBED1, also known as DREF, is the human homolog of the Drosophila protein DREF, a transcriptional regulatory factor required for expression of genes involved in DNA replication and cell proliferation. RNA interference (RNAi) experiments targeting ZBED1 RNA resulted in the inhibition of S phase entry and reduction of histone H1 mRNA in HeLa cells, suggesting that ZBED1 also plays a role in cell proliferation in human cells. At least 22 ribosomal proteins (RPs) possess ZBED1 binding sites in their promoters; anti-ZBED1 RNAi also resulted in decreased RP gene expression. Immunoprecipitation analyses have shown that ZBED1 self-associates in vivo via a carboxyl-terminal hATC domain, and this self-association is required for nuclear localization and DNA binding. This antibody is predicted to have no cross-reactivity to ZBED2 or ZBED3.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: ZBED1; Zinc finger BED-type domain containing 1; ALTE; TRAMP; DREF; hDREF

Accession No.: AAH15030

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ZBED1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.