

Datasheet for ABIN6991091  
**anti-ZBED1 antibody (AA 180-230)**



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## Overview

Quantity:	0.1 mg
Target:	ZBED1
Binding Specificity:	AA 180-230
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBED1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	ZBED1 antibody was raised against a 15 amino acid synthetic peptide from near the center of human ZBED1. The immunogen is located within amino acids 180 - 230 of ZBED1.
Isotype:	IgG
Specificity:	This antibody is predicted to have no cross-reactivity to ZBED2 or ZBED3.
Purification:	ZBED1 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	ZBED1
Alternative Name:	ZBED1 ( <a href="#">ZBED1 Products</a> )
Background:	ZBED1 Antibody: ZBED1, also known as DREF, is the human homolog of the Drosophila protein

## Target Details

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.

Gene ID: 9189

UniProt: [O96006](#)

## Application Details

Application Notes: ZBED1 antibody can be used for detection of ZBED1 by Western blot at 1 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ZBED1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: ZBED1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.