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## anti-ZBED1 antibody (C-Term)

2 Images



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#### Overview

Quantity:	100 μL
Target:	ZBED1
Binding Specificity:	C-Term
Reactivity:	Human, Horse, Rabbit, Cow, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZBED1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ZBED1
Sequence:	HVDEQVFLYE NARSGAEAEP EDQDEGEWGL DQEQVFSLGD GVSGGFFGIR
Predicted Reactivity:	Cow: 77%, Horse: 77%, Human: 100%, Rabbit: 79%, Yeast: 85%
Characteristics:	This is a rabbit polyclonal antibody against ZBED1. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	ZBED1
Alternative Name:	ZBED1 (ZBED1 Products)
Background:	This gene is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes. It was

earlier identified as a gene with similarity to Ac transposable elements, however, was found not to have transposase activity. Later studies show that this gene product is localized in the nucleus and functions as a transcription factor. It binds to DNA elements found in the promoter regions of several genes related to cell proliferation, such as histone H1, hence may have a role in regulating genes related to cell proliferation. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.

Alias Symbols: ALTE, DREF, KIAA0785, TRAMP, hDREF

Protein Interaction Partner: KLHL40, LRRC20, C1orf109, AMOTL2, UCHL5, ZBED1, PIAS2, UBE2I, SSX2, PRKAA1, DGCR6, FANCG, UBC, UBE2A, TWF1, ATP6V1B2, ATP6V1B1, PSAP, SUMO2, ATRX, TTR, PRKAR1A, FABP4, GPSM1, NIP7, SORBS3, NIF3L1, GPN1, SPEF1, NUDT18, RENBP, TRAPPC2B,

Protein Size: 694

Molecular Weight:	78 kDa
Gene ID:	9189
NCBI Accession:	NM_004729, NP_004720
UniProt:	096006

#### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 694 AA
Restrictions:	For Research Use only

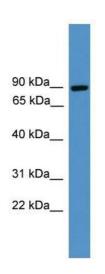
#### Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

#### Handling

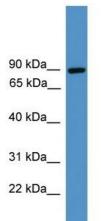
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Images**



#### **Western Blotting**

Image 1. WB Suggested Anti-ZBED1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Jurkat cell lysate



Rabbit Anti-ZBED1 Antibody Catalog Number: ARP50502 Lot Number: QC30125 Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

#### **Western Blotting**

Image 2. WB Suggested Anti-ZBED1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: Jurkat cell lysate