

## Anti-ZBTB7B Antibody (C-term)

Catalog Number: A06831

### About ZBTB7B

ZBTB7B is a transcription regulator that acts as a key regulator of lineage commitment of immature T-cell precursors. It is necessary and sufficient for commitment of CD4 lineage, while its absence causes CD8 commitment. Development of immature T-cell precursors (thymocytes) to either the CD4 helper or CD8 killer T-cell lineages correlates precisely with their T-cell receptor specificity for major histocompatibility complex class II or class I molecules, respectively. ZBTB7B is a transcriptional repressor of the collagen COL1A1 and COL1A2 genes. It may also function as a repressor of fibronectin and possibly other extracellular matrix genes.

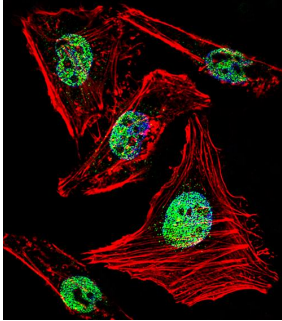
### Overview

Product Name	Anti-ZBTB7B Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-ZBTB7B Antibody (C-term) (Catalog # A06831). Tested in IF, WB application(s). This antibody reacts with Human.
Application	IF, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15156

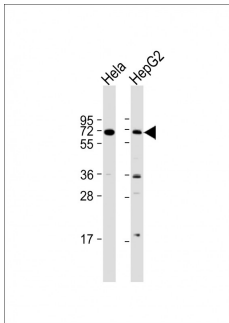
### Technical Details

Immunogen	This ZBTB7B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 440-469 amino acids from the C-terminal region of human ZBTB7B.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Suggested Dilutions	IF: 1:10-1:50 WB: 1:1000

## Anti-ZBTB7B Antibody (C-term) (A06831) Images



Fluorescent confocal image of HeLa cell stained with ZBTB7B Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with ZBTB7B primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin at 37°C. Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). ZBTB7B immunoreactivity is localized to Nucleus significantly.



All lanes : Anti-ZBTB7B Antibody (C-term) at 1:1000 dilution  
Lane 1: HeLa whole cell lysate  
Lane 2: HepG2 whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 58 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

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Anti-ZBTB7B Antibody (C-term)

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