ZBTB7B Antibody (C-term)

Catalog_no： AB2389

Reactivity： H

Category： 抗原抗体

Size： 100μL/50μL

Immunogen： HUMAN:440-469

Specificity： 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.

Dilution： WB,1:1000;IF,1:10~50;

Purification： Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Other_name： Zinc finger and BTB domain-containing protein 7B, Krueppel-related zinc finger protein cKrox, hcKrox, T-helper-inducing POZ/Krueppel-like factor, Zinc finger and BTB domain-containing protein 15, Zinc finger protein 67 homolog, Zfp-67, Zinc finger protein 857B, Zinc finger protein Th-POK, ZBTB7B, ZBTB15, ZFP67, ZNF857B

Isotype： Rabbit Ig

Background： 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.

reference： Galera,P., Proc. Natl. Acad. Sci. U.S.A. 91 (20), 9372-9376 (1994) Widom,R.L., Gene 198 (1-2), 407-420 (1997) Heegaard,A.M., J. Bone Miner. Res. 12 (12), 2050-2060 (1997) Widom,R.L., Matrix Biol. 20 (7), 451-462 (2001)