

Mouse anti-Human ZBTB7B Antibody | anti-ZBTB7B antibody

ZBTB7B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108424	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ZBTB7B; ZBTB7B Antibody; THPOK; ZFP67; ZBTB15; c-Krox; hcKrox; ZNF857B; DKFZp686G01254; anti-ZBTB7B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	7C12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	573
Applicable Applications for anti-ZBTB7B antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human ZBTB7B expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



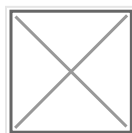
IF (Immunofluorescence)

Figure 3: Immunofluorescence analysis of HeLa cells using ZBTB7B mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded human Breast tissues using anti-ZBTB7B mouse mAb



WB (Western Blot)

Figure 1: Western blot analysis using ZBTB7B mAb against HEK293 (1, 2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ZBTB7B antibody

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.

Product Categories/Family for anti-ZBTB7B antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	356995909
NCBI GeneID	51043
NCBI Accession #	NP_001239335.1
NCBI GenBank Nucleotide #	NM_001252406.2
UniProt Accession #	O15156; Q68DR2; Q96EP2; B4E3K5; D3DV83; J3KQQ3
Molecular Weight	58kDa
NCBI Official Full Name	zinc finger and BTB domain-containing protein 7B isoform 2
NCBI Official Synonym Full Names	zinc finger and BTB domain containing 7B
NCBI Official Symbol	ZBTB7B
NCBI Official Synonym Symbols	CKROX; THPOK; ZFP67; ZBTB15; ZFP-67; c-KROX; hcKROX; ZNF857B
NCBI Protein Information	zinc finger and BTB domain-containing protein 7B
UniProt Protein Name	Zinc finger and BTB domain-containing protein 7B
UniProt Gene Name	ZBTB7B
UniProt Synonym Gene Names	ZBTB15; ZFP67; ZNF857B; hcKrox; Zfp-67

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/zbtb7b/108424>