

Mouse ZBTB7B Monoclonal Antibody | anti-ZBTB7B antibody

ZBTB7B antibody

CATALOG # AAA106302	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

ZBTB7B; Monoclonal Antibody; ZBTB7B antibody; Monoclonal ZBTB7B; Anti-ZBTB7B; ZBTBB-7; ZBTBB 7; Zinc finger and BTB domain-containing protein 7B; anti-ZBTB7B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7C12
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	539
Applicable Applications for anti-ZBTB7B antibody	WB (Western Blot), IF (Immunofluorescence), ELISA
Biological Significance	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.
Cross-Reactivity	Human
Immunogen	ZBTB7B antibody was raised in Mouse using a purified recombinant fragment of human ZBTB7B expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human Breast tissues using anti-ZBTB7B antibody



WB (Western Blot)

Western Blot showing ZBTB7B antibody used against HEK293 (1,2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-ZBTB7B antibody	Mouse monoclonal ZBTB7B antibody
Product Categories/Family for anti-ZBTB7B antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	374252458
NCBI GeneID	51043
NCBI Accession #	NP_001243384.1
NCBI GenBank Nucleotide #	NM_001256455.1
UniProt Accession #	O15156; Q68DR2; Q96EP2; B4E3K5; D3DV83; J3KQQ3
Molecular Weight	61,584 Da
NCBI Official Full Name	zinc finger and BTB domain-containing protein 7B isoform 1
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
UniProt Entry Name	ZBT7B_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/zbtb7b-antibody-clone-7c12-western-blot-immunofluorescence-elisa/106302>