

Rabbit anti-Human, Mouse TBX21 Polyclonal Antibody | anti-TBX21 antibody

TBX21 Polyclonal Antibody

CATALOG # AAA37496	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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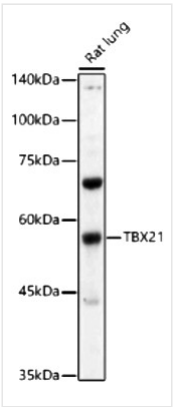
PRODUCT SYNONYMS

TBX21; Polyclonal Antibody; TBX21 Polyclonal Antibody; TBET; T-PET; T-bet; TBLYM; anti-TBX21 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	535
Applicable Applications for anti-TBX21 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 348-427 of human TBX21 (NP_037483.1).
Immunogen	Recombinant protein of human TBX21
Calculated Molecular Weight	58kDa
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of Rat lung, using TBX21 antibody (AAA37496) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25?g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-TBX21 antibody	This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human ortholog of mouse Tbx21/Tbet gene. Studies in mouse show that Tbx21 protein is a Th1 cell-specific transcription factor that controls the expression of the hallmark Th1 cytokine, interferon-gamma (IFNG). Expression of the human ortholog also correlates with IFNG expression in Th1 and natural killer cells, suggesting a role for this gene in initiating Th1 lineage development from naive Th precursor cells.
Product Categories/Family for anti-TBX21 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12230772
NCBI GeneID	30009
UniProt Accession #	Q9UL17
Molecular Weight	Observed MW: 58kDa Calculated MW: 58kDa
NCBI Official Full Name	T-box transcription factor TBX21
NCBI Official Synonym Full Names	T-box 21
NCBI Official Symbol	TBX21
NCBI Official Synonym Symbols	TBET; T-PET; T-bet; TBLYM
NCBI Protein Information	T-box transcription factor TBX21; T-box protein 21; T-box expressed in T cells; transcription factor TBLYM; T-cell-specific T-box transcription factor T-bet
UniProt Protein Name	T-box transcription factor TBX21
UniProt Gene Name	TBX21
UniProt Synonym Gene Names	TBET; TBLYM; T-box protein 21
UniProt Entry Name	TBX21_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tbx21-antibody-western-blot-elisa/37496>