

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

TBX21 Antibody

CATALOG # AAA40673	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence
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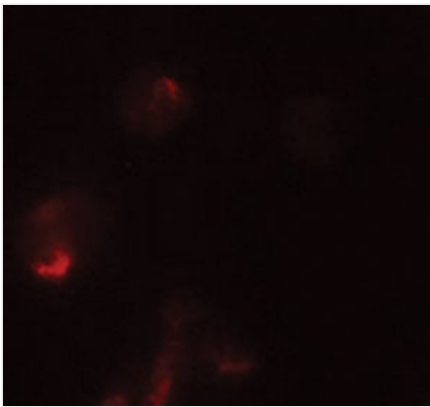
PRODUCT SYNONYMS

TBX21; Polyclonal Antibody; TBX21 Antibody; TBX21 Antibody : TBET; T-PET; T-bet; TBLYM; TBET; T-box transcription factor TBX21; T-cell-specific T-box transcription factor T-bet; T-box protein 21; T-box 21; anti-TBX21 antibody

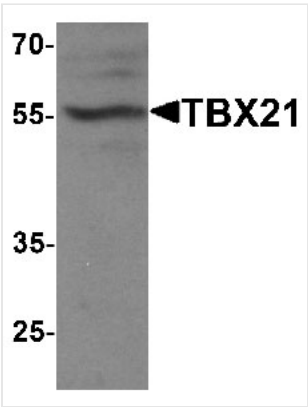
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TBX21 antibody is human and mouse reactive.
Purity/Purification	TBX21 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	535
Applicable Applications for anti-TBX21 antibody	IF (Immunofluorescence)
Conjugate	Unconjugated
Immunogen	TBX21 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human TBX2. The immunogen is located within the last 50 amino acids of TBX21 .
Buffer	TBX21 Antibody is supplied in PBS containing 0.02% sodium azide.
Positive Control	HEK293 Cell Lysate HEK293 Cell Slide
Preparation and Storage	TBX21 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of TBX21 in 293 cells with TBX21 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of TBX21 in 293 cell lysate with TBX21 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TBX21 antibody	TBX21 is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box (1,2). Members of this family include transcription factors involved in the regulation of developmental processes (2). Studies in mouse and humans show that TBX21 is a Th1 cell-specific transcription factor that controls the expression of the hallmark Th1 cytokine, interferon-gamma (1,3). Expression of the human ortholog also correlates with interferon-gamma expression in Th1 and natural killer cells, suggesting a TBX21 may play a role in initiating Th1 lineage development from naive Th precursor cells. (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019549
NCBI GeneID	30009
NCBI Accession #	NP_037483
NCBI GenBank Nucleotide #	NM_013351.1
UniProt Accession #	Q9UL17
Molecular Weight	Predicted MW: 59 kDa Observed: 55 kDa
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.

