

Product datasheet for **TA329696**

TBX21 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TBX21 antibody: synthetic peptide directed towards the N terminal of human TBX21. Synthetic peptide located within the following region: FYPEPGAQDADERGGGSLGSPYPGGALVPAPPSRFLGAYAYPPRPQAAG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	T-box 21
Database Link:	NP_037483 Entrez Gene 30009 Human Q9UL17
Background:	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. [provided by RefSeq, Jul 2008]



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Synonyms: T-bet; T-PET; TBET; TBLYM

Note: Immunogen sequence homology: Human: 100%; Dog: 85%; Pig: 85%; Mouse: 77%; Bovine: 77%

Protein Families: Druggable Genome, Transcription Factors

Product images:



WB Suggested Anti-TBX21 Antibody Titration:
2.5ug/ml; ELISA Titer: 1:62500; Positive Control:
Human Thymus