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Product datasheet for TA329696

TBX21 Rabbit Polyclonal Antibody

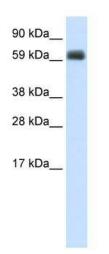
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	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: FYPEPGAQDADERRGGGSLGSPYPGGALVPAPPSRFLGAYAYPPRPQAAG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
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:	<u>NP_037483</u> <u>Entrez Gene 30009 Human</u> <u>Q9UL17</u>
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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	TBX21 Rabbit Polyclonal Antibody – TA329696
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 ima	ges:



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

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