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Datasheet for ABIN6220736  
**anti-T-Bet antibody (AA 326-535)**

2 Images

Overview

Quantity:	20 µL
Target:	T-Bet
Binding Specificity:	AA 326-535
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Bet antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 326-535 of human TBX21 (NP_037483.1).
Sequence:	ENFESMYTSV DTSIPSPPGP NCQFLGGDHY SPLLPNQYPV PSRFYFDLPG QAKDVVPQAY WLGAPRDHSY EAEFRAVSMK PAFLPSAPGP TMSYYRGQEV LAPGAGWPVA PQYPPKMGPA SWFRPMRTLPEPMPGGSEG RGPEDQGPPL VWTEIPIRP ESSDSGLGEG DSKRRRVSPY PSSGDSSSPA GAPSPFDKEA EGQFYNYFPN
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

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Target:	T-Bet
Alternative Name:	TBX21 ( <a href="#">T-Bet Products</a> )
Background:	<p>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.,TBX21,T-PET,T-bet,TBET,TBLYM,T-box 21,Epigenetics &amp; Nuclear Signaling,Transcription Factors,Immunology &amp; Inflammation,Stem Cells,Hematopoietic Progenitors,TBX21</p>
Molecular Weight:	58 kDa
Gene ID:	30009
UniProt:	<a href="#">Q9UL17</a>

## Application Details

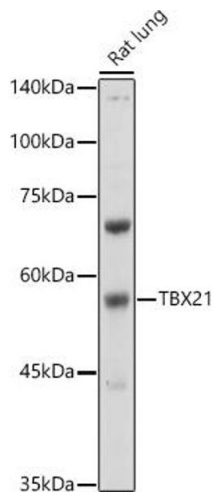
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Application Notes:	WB,1:500 - 1:1000
Restrictions:	For Research Use only

## Handling

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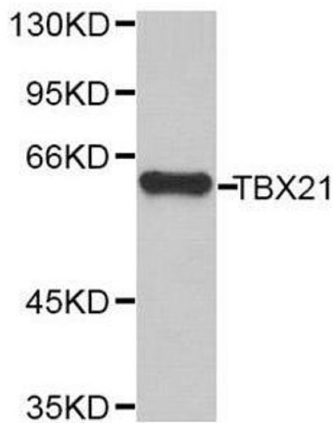
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of Rat lung, using TBX21 antibody (ABIN1682974, ABIN3019139, ABIN3019140 and ABIN6220736) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

### Mouse thymus



### Western Blotting

**Image 2.**