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# Datasheet for ABIN655621 anti-T-Box 6 antibody (AA 143-172)

2 Images



### Overview

Quantity:	400 µL
Target:	T-Box 6 (TBX6)
Binding Specificity:	AA 143-172
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

### Product Details

Immunogen:	This TBX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 143-172 amino acids from the Central region of human TBX6.
Clone:	RB14554
lsotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

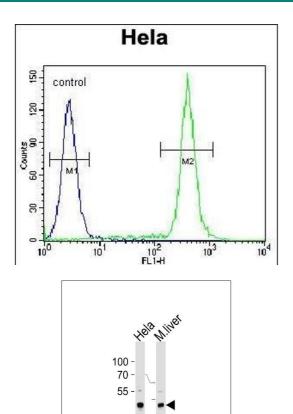
Target:

T-Box 6 (TBX6)

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Target Details	
Alternative Name:	TBX6 (TBX6 Products)
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. Knockout studies in mice indicate that this gene is important for specification of paraxial mesoderm structures.
Molecular Weight:	47045
Gene ID:	6911
NCBI Accession:	NP_004599
UniProt:	095947
Application Details	
Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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### **Flow Cytometry**

**Image 1.** TBX6 Antibody (Center ) (ABIN655621 and ABIN2845101) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** TBX6 Antibody (Center ) (ABIN655621 and ABIN2845101) western blot analysis in Hela cell line and mouse liver tissue lysates (35 µg/lane).This demonstrates the TBX6 antibody detected the TBX6 protein (arrow).

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