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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

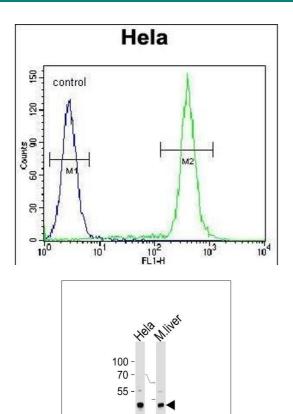
Target:

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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