

Datasheet for ABIN7270701
anti-T-Box 5 antibody (AA 1-70)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	T-Box 5 (TBX5)
Binding Specificity:	AA 1-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Box 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	TBX5 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human TBX5 (NP_852259.1).
Sequence:	MADADEGFGL AHTPLEPDAK DLPCDSKPES ALGAPSKSPS SPQAAFTQQG MEGIKVFLHE RELWLKFHEV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

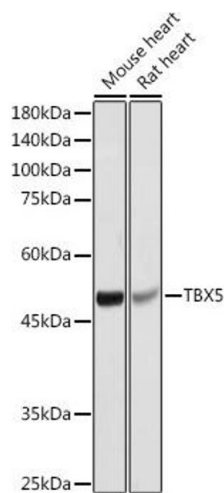
Target:	T-Box 5 (TBX5)
Alternative Name:	TBX5 (TBX5 Products)
Background:	<p>This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in this gene have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for this gene.,TBX5,HOS,T-box 5,Epigenetics & Nuclear Signaling,Transcription Factors,Cell Biology & Developmental Biology,Apoptosis,Cardiovascular,Heart,Cardiogenesis,TBX5</p>
Molecular Weight:	39kDa/52kDa/57kDa
Gene ID:	6910
UniProt:	Q99593

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
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 various cell lines, using TBX5 antibody (ABIN7270701) at 1:1000 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: 1s.