

Datasheet for ABIN7270699

**anti-TBX3 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	TBX3
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TBX3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	Tbx3 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Tbx3
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	TBX3
Alternative Name:	TBX3 ( <a href="#">TBX3 Products</a> )
Background:	This gene is a member of a phylogenetically conserved family of genes that share a common

## Target Details

DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This protein is a transcriptional repressor and is thought to play a role in the anterior/posterior axis of the tetrapod forelimb. Mutations in this gene cause ulnar-mammary syndrome, affecting limb, apocrine gland, tooth, hair, and genital development. Alternative splicing of this gene results in three transcript variants encoding different isoforms, however, the full length nature of one variant has not been determined. [provided by RefSeq, Jul 2008],TBX3-ISO, UMS, XHL,Angiogenesis,Apoptosis,Cardiovascular,Cell Biology & Developmental Biology,Epigenetics & Nuclear Signaling,Transcription Factors,TBX3

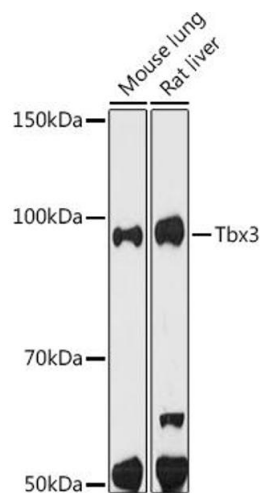
Molecular Weight:	85kDa
Gene ID:	6926
UniProt:	<a href="#">O15119</a>
Pathways:	<a href="#">Hormone Transport</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

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

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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 Tbx3 antibody (ABIN7270699) 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 Enhanced Kit (RM00021). Exposure time: 180s.