

Datasheet for ABIN7436903  
**anti-TMSB4X antibody (AA 1-44)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	TMSB4X
Binding Specificity:	AA 1-44
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMSB4X antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Thymosin Beta 4 (TMSB4X)
Immunogen:	Recombinant Thymosin Beta 4 (TMSB4X) corresponding to Met1~Ser44 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TMSB4X. It has been selected for its ability to recognize TMSB4X in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

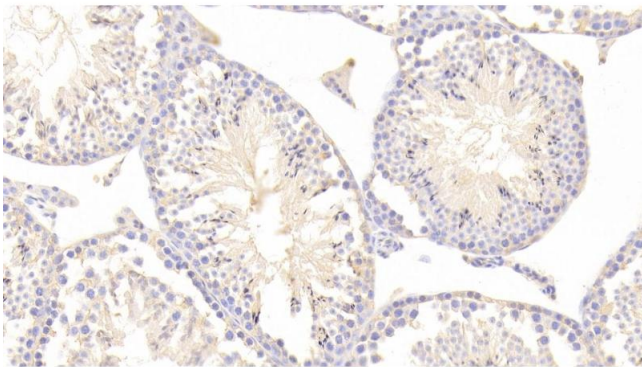
Target:	TMSB4X
Alternative Name:	Thymosin Beta 4 ( <a href="#">TMSB4X Products</a> )
Background:	Tb4, FX, PTMB4, TB4X, TMSB4, Thymosin,Beta 4,X-Linked, TB-500, Seraspenide, Hematopoietic system regulatory peptide
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

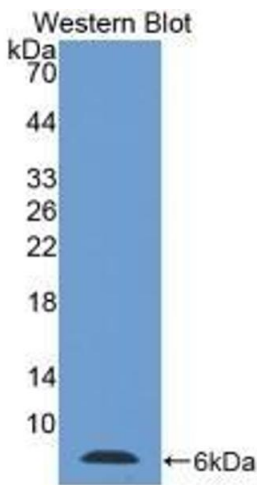
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Immunohistochemistry

**Image 1.** Detection of TMSB4X in Mouse Testis Tissue using Polyclonal Antibody to Thymosin Beta 4 (TMSB4X)



#### Western Blotting

**Image 2.** Detection of Recombinant Tb4, Mouse using Polyclonal Antibody to Thymosin Beta 4 (TMSB4X)