

Datasheet for ABIN6265622
anti-TMSB4X antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	TMSB4X
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMSB4X antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide derived from human TMSB4X, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	TMSB4X Antibody detects endogenous levels of total TMSB4X.
Predicted Reactivity:	Pig,Bovine,Horse,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	TMSB4X
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Target Details

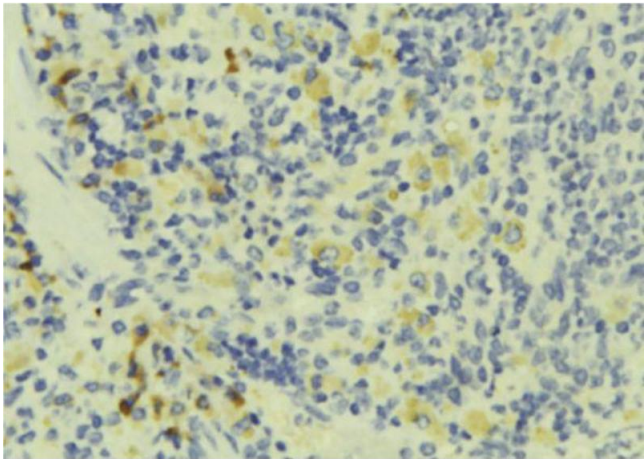
Alternative Name:	TMSB4X (TMSB4X Products)
Background:	Description: Plays an important role in the organization of the cytoskeleton (By similarity). Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization. Gene: TMSB4X
Molecular Weight:	5 kDa
Gene ID:	7114
UniProt:	P62328
Pathways:	Regulation of Actin Filament Polymerization , Regulation of Muscle Cell Differentiation , Maintenance of Protein Location , Smooth Muscle Cell Migration

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

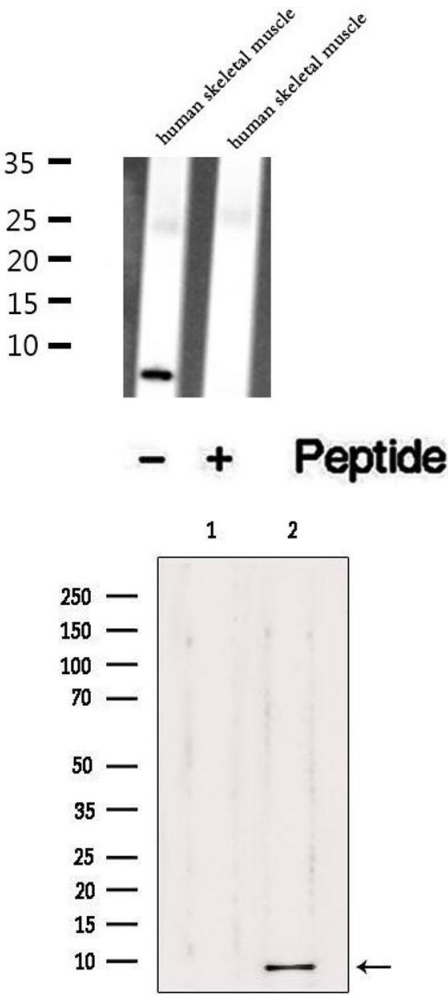
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

Image 1. ABIN6273178 at 1/100 staining Human lymph tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts of human skeletal muscle tissue, using TMSB4X antibody.

Western Blotting

Image 3. Western blot analysis of extracts from 293, using TMSB4X Antibody. Lane 1 was treated with the blocking peptide.