

Rabbit TMSB4X Polyclonal Antibody | anti-TMSB4X antibody

TMSB4X Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323158	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

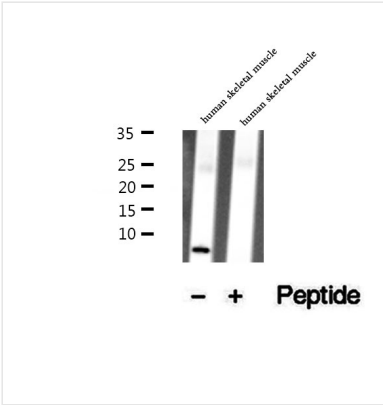
PRODUCT SYNONYMS

TMSB4X; Polyclonal Antibody; TMSB4X Antibody; Fx; Hematopoietic system regulatory peptide; Prothymosin beta 4; PTMB 4; PTMB4; Seraspenide; T beta 4; T beta-4; TB4X; THYB 4; Thyb4; Thymosin beta 4; Thymosin beta 4 X chromosome; Thymosin beta 4 X linked; TMSB 4; TMSB4; Tmsb4x; TYB4_HUMAN; anti-TMSB4X antibody

PRODUCT SPECIFICATIONS

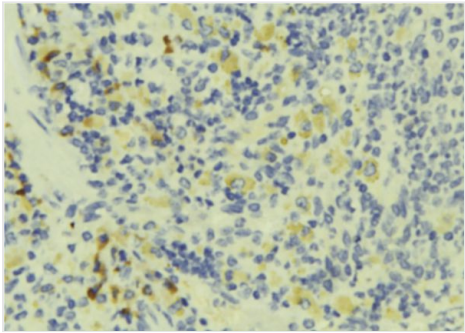
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TMSB4X antibody detects endogenous levels of TMSB4X.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	44
Applicable Applications for anti-TMSB4X antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TMSB4X.
Subcellular Location	Cytoplasm > Cytoskeleton.
Tissue Specificity	Expressed in several hemopoietic cell lines and lymphoid malignant cells. Decreased levels in myeloma cells.
Predicted Cross Reactivity	Pig, Bovine, Horse, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

AAA323158 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 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TMSB4X antibody	Function: 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. Subunit Structure: Interacts with SERPINB1 (By similarity). Identified in a complex composed of ACTA1, COBL, GSN AND TMSB4X. Similarity: Belongs to the thymosin beta family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11056061
NCBI GeneID	7114
NCBI Accession #	NP_066932.1
NCBI GenBank Nucleotide #	NM_021109.3
UniProt Accession #	P62328; P01253; P01254; Q546P5; Q63576; Q9UE55
Molecular Weight	Observed: 5 kDa Predicted: 6 kDa
NCBI Official Full Name	thymosin beta-4
NCBI Official Synonym Full Names	thymosin beta 4 X-linked
NCBI Official Symbol	TMSB4X
NCBI Official Synonym Symbols	FX; TB4X; PTMB4; TMSB4
NCBI Protein Information	thymosin beta-4
UniProt Protein Name	Thymosin beta-4
UniProt Gene Name	TMSB4X
UniProt Synonym Gene Names	TB4X; THYB4; TMSB4; T beta-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.