

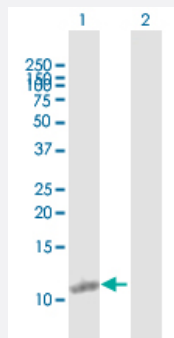
MaxPab®

TMSB4X purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007114-B01P

Size 50 ug

Applications

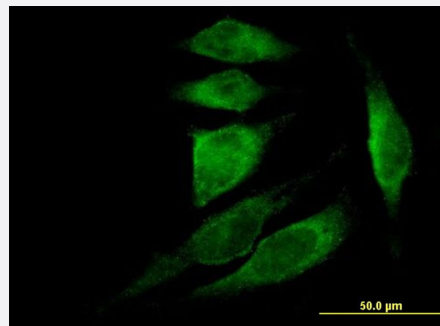


Western Blot (Transfected lysate)

Western Blot analysis of TMSB4X expression in transfected 293T cell line ([H00007114-T01](#)) by TMSB4X MaxPab polyclonal antibody.

Lane 1: TMSB4X transfected lysate(4.84 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TMSB4X on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human TMSB4X protein.
Immunogen	TMSB4X (AAH01631.1, 1 a.a. ~ 44 a.a) full-length human protein.
Sequence	MSDKPDMAEIEKFDKSKLKKTTETQEKNPLPSKETIEQEKQAGES
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to TMSB4X on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — TMSB4X

Entrez GeneID

[7114](#)

GeneBank Accession#

[BC001631](#)

Protein Accession#

[AAH01631.1](#)

Gene Name

TMSB4X

Gene Alias

FX, PTMB4, TB4X, TMSB4

Gene Description

thymosin beta 4, X-linked

Omim ID

[300159](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes an actin sequestering protein which plays a role in regulation of actin polymerization. The protein is also involved in cell proliferation, migration, and differentiation. This gene escapes X inactivation and has a homolog on chromosome Y. [provided by RefSeq]

Other Designations

OTTHUMP00000022925|OTTHUMP00000022926|OTTHUMP00000022927|OTTHUMP00000022928|prothymosin beta-4|thymosin beta-4|thymosin, beta 4|thymosin, beta 4, X chromosome

Publication Reference

- [Molecular anatomy of ascending aorta in atherosclerosis by MS Imaging: Specific lipid and protein patterns reflect pathology.](#)

Martin-Lorenzo M, Balluff B, Maroto AS, Carreira RJ, van Zeijl RJM, Gonzalez-Calero L, Cuesta F, Barderas MG, Lopez-Almodovar LF, Padial LR, McDonnell LA, Vivanco F, Alvarez-Llamas G.

Journal of Proteomics 2015 Aug; 126:245.

Application: IHC-P, Human, Rat, Aortic

Pathway

- [Regulation of actin cytoskeleton](#)