



# Anti-TMSB4X (aa 1-43) polyclonal antibody (DPABH-02629)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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. Seraspenide inhibits the entry of hematopoietic pluripotent stem cells into the S-phase.
<b>Specificity</b>	Recognises a synthetic Human Thymosin beta 4 peptide(aa 1-43). The antibody has not been tested on the endogenous protein.
<b>Immunogen</b>	Synthetic peptide: SDKPDMAEIE KFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES conjugated to KLH, corresponding to amino acids 1-43 of Human Thymosin beta 4
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Whole antiserum
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	Constituents: Whole Serum
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

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## GENE INFORMATION

Gene Name	<a href="#">TMSB4X thymosin beta 5, X-linked [ Homo sapiens ]</a>
Official Symbol	TMSB4X
Synonyms	TMSB4X; thymosin beta 4, X-linked; FX; TB4X; PTMB4; TMSB4; thymosin beta-4; t beta-4; prothymosin beta-4; thymosin, beta 4, X chromosome;
Entrez Gene ID	<a href="#">7114</a>
Protein Refseq	<a href="#">NP_066932.1</a>
UniProt ID	<a href="#">A2VCK8</a>
Pathway	Hemostasis; Platelet degranulation; Regulation of actin cytoskeleton; Response to elevated platelet cytosolic Ca <sup>2+</sup>
Function	actin binding; poly(A) RNA binding; protein binding;