

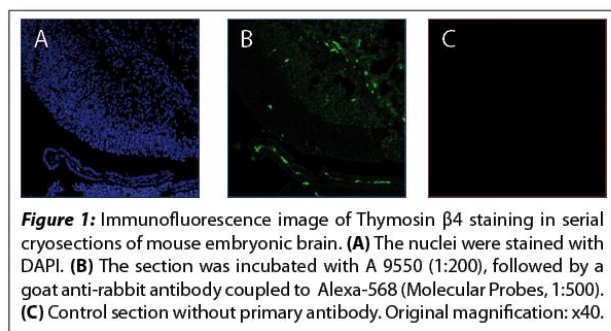
## Data Sheet

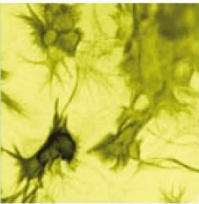
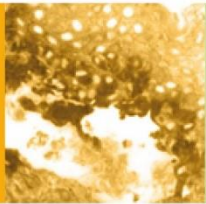
### HUMAN THYMOSIN $\beta$ 4 (aa 38-43)

#### ANTIBODY, POLYCLONAL

<b>Catalog no.:</b>	A 9550.1 / A 9550.2
<b>Immunogen:</b>	Synthetic human Thymosin $\beta$ 4 (aa 38-43) KLH conjugated (KQAGES)
<b>Synonyms:</b>	T beta-4, Fx
<b>Swiss-Prot No:</b>	P62328
<b>Gene Information:</b>	Gene Name: TMSB4X, TB4X, THYB4, TMSB4 GenelD: 7114
<b>Host:</b>	Rabbit
<b>Matrix:</b>	Serum
<b>Specificity:</b>	Human Thymosin $\beta$ 4 (aa 38-43), human, rat and mouse Thymosin $\beta$ 4 There was no cross reactivity obtained with human Thymosin $\beta$ 10, bovine Thymosin $\beta$ 9, human Thymosin $\beta$ 15, human Thymosin $\beta$ 4 (aa 1-4) and human Thymosin $\beta$ 4 (aa 1-14).
<b>Contents:</b>	20 $\mu$ l / 100 $\mu$ l (lyophilized) Resuspend in 20 $\mu$ l / 100 $\mu$ l aqua bidest.
<b>Known applications:</b>	ELISA (1:3000-5000) <sup>1,2</sup> , dot blot (1:1000) <sup>2</sup> , immunohistochemistry (cryosections, 1:500) <sup>2</sup>

This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.





**Store at:** 2-8 °C (lyophilized); - 20 °C (dissolved)

Repeated thawing and freezing must be avoided

**References:**

1. Roboti AI, Vassiliadou I, Leondiadis L, Livianou E, Ferderigos N, Ithakissios D (1997). Development of Specific Anti-peptide Antisera for Human Beta Thymosins. In: P. Cordopatis (Ed.), *Hellenic Forum for Bioactive Peptides*, Crete University Press, Athens, p. 303-309.
2. Anadon R, Rodriguez Moldes I, Carpintero P, Evangelatos G, Livianou E, Leondiadis L, Quintela I, Cervino MC, Gomez-Marquez J (2001). Differential expression of thymosins beta(4) and beta(10) during rat cerebellum postnatal development. *Brain Res* **894**(2): 255-265.

**Last updated on:** 13 April 2022

**For research use only**

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