Data Sheet

HUMAN PROTHYMOSIN α (aa 75-109)

ANTIBODY, POLYCLONAL

Catalog no.: A 9540.1 / A 9540.2
Immunogen: Synthetic human Prothymosin α (aa 75-109) KLH conjugated (GDEDEEAESATGKRAAEEDEDDDVDTKKQKDDEDD)
Swiss-Prot No: P06454
Gene Information: Gene Name: PTMA, TMSA
GeneID: 5757
Host: Rabbit
Matrix: Serum
Specificity: Human Prothymosin α, rat Prothymosin α

There was no cross reactivity obtained with human Thymosin β₄, human Thymulin and human Thymosin α₁.

Contents: 20 µl / 100 µl (lyophilized)
Resuspend in 20 µl / 100 µl aqua bidest.

Known applications: ELISA (1:2000), Western Blot (1:2000; 2 µg/ml IgG fraction)¹,²,³
immunohistochemistry (paraffin sections, 1:1000)⁴, immunoprecipitation (2 µg/ml IgG fraction)⁵

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)
Repeate thawing and freezing must be avoided

Figure 1: Western Blot analysis of A 9540 specificity. Extracts of 231 and MCF-7 cells were separated by SDS-PAGE and immuno- blotted with A 9540 (2 µg/ml). A 9540 detects only Prothymosin alpha in cell extracts. Martini P et al. (2000) Mol Cell Biol 20:17522-32

Figure 2: Immunohistochemistry image of Prothymosin α staining in paraffin section of rat testes. The sections were incubated with A 9540 (1:1000) and detected using Avidin-Biotin Complex (ABC) method. The DAB was used as the chromogen. The sections were counterstained with hematoxylin. A. A 9540 stains Leydig cells (arrowhead), pachy- tene primary spermatocytes (arrow), and newly formed spermatids (asterisk). B. Control section without primary antibody. Scale bar = 20µm. Ferraro D et al. (2010) J Cell Physiol 224(2):362-8
Reference:


Last updated on: 23 July 2016

For research use only

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