



## Data Sheet

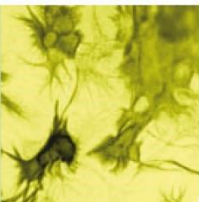
# CYCLIC AMP (cAMP)

## ANTIBODY, POLYCLONAL

<b>Catalog no.:</b>	A 8102.1 / A 8102.2
<b>Immunogen:</b>	Succinyl cAMP- human serum albumin conjugate
<b>Synonyms:</b>	Cyclic adenosine monophosphate
<b>Host:</b>	Rabbit
<b>Matrix:</b>	Serum
<b>Specificity:</b>	cAMP Cross-reactivity at 50 % displacement: AMP < 0.00001 %, ADP < 0.00002 %, ATP < 0.00001 % ; cGMP < 0.001 %
<b>Contents:</b>	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
<b>Known applications:</b>	RIA <sup>1, 2, 3, 4, 5, 6</sup> Antigen binding capacity: Dilutions 1/5000 bound 45- 50 % of the labelled (radioactive) nucleotide. 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.
<b>Store at:</b>	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
<b>References:</b>	<ol style="list-style-type: none"> <li>Zubin P, Taleisnik S (1983). Hypothalamic Cyclic-AMP Throughout the 4-Day Estrous Cycle of the Female Rat. <i>Brain Research</i>. <b>271</b>: 273-277.</li> <li>Zubin P, Taleisnik (1989). Hypothalamic cyclic AMP after the injection of ovarian steroids into ovariectomized rats. <i>Can. J. Physiol. Pharmacol.</i> <b>67</b>: 322-325.</li> <li>Zubin P, Defagot C, Taleisnik S (1992). Norepinephrine-stimulated activity of hypothalamic adenylate cyclase varies throughout the estrous cycle of the female rat. <i>Acta Physiol Pharmacol Ther Latinoam</i> <b>42</b>(3): 171-181.</li> <li>Zubin P, Defagot C (1993). Sexual differences in hypothalamic adenosine 3',5'-cyclic monophosphate content. <i>Can J Physiol Pharmacol</i> <b>71</b>(10-11): 824-828.</li> <li>Defagot C, Zubin P (1994). Preparation, production and functional characterization of anti cAMP and cGMP antibodies. <i>Biol. Res</i> <b>27</b>: 193-197.</li> <li>Zubin P, Defagot C (1994). Effect of ovarian steroids on hypothalamic norepinephrine-induced adenylate cyclase activity. <i>Can J Physiol Pharmacol</i> <b>72</b>(11): 1299-1303.</li> </ol>



Antibodies



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