



Data Sheet

CYCLIC AMP (cAMP)

ANTIBODY, POLYCLONAL

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





Antibodies

Last updated on: 18 August 2016

For research use only

Publishing research using A 8102? Please let us know so that we can cite your publication as a reference.



Immundiagnostik AG

Stubenwald-Allee 8a · 64625 Bensheim · Germany

Phone: +49 (0) 62 51/70 19 00 · Fax: +49 (0) 62 51/84 94 30 · info@immundiagnostik.com · www.immundiagnostik.com