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## **BCL2** regulates neural differentiation

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	ABSTRACT	A main function	attributed to the	BCL2	<u>(18, 19). Th</u>	erefore, it ha	s been suggest	ed that BCL	<u>2,</u> in
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(700 $\mu$ g/ml) for 3 weeks. The results presented were obtained		27-	ī
with uncloned cell populations	h 22 –	-87	
Immunoblotting (Western Blotting). Cells were washed with		-7Z	
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with a rubber policeman, and lysed in an ice-cold lysis buffer	A 1 49 -	2000 - 100 -	1901) ar 
with a rubber policeman, and lysed in an ice-cold lysis buffer containing 20 mM Tris-HCl (pH 8.0), 0.2 mM EDTA. 3%	A1 49 32	2 3 4	No 149 • - 
with a rubber policeman, and lysed in an ice-cold lysis buffer containing 20 mM Tris HCl (pH 8.0), 0.2 mM EDTA. 3% Nonidet P-40, 2 mM orthovanadate, 50 mM NaF, 10 mM sodium pyrophosphete, 100 mM NaCl, and 10, up auch of	A 49 - 32 - 27 -	2 <u>3</u> 4 <u>,</u>	•
with a rubber policeman, and lysed in an ice-cold lysis buffer containing 20 mM Tris·HCl (pH 8.0), 0.2 mM EDTA. 3% Nonidet P-40, 2 mM orthovanadate, 50 mM NaF, 10 mM sodium pyrophosphate. 100 mM NaCl. and 10 ug each of	A 49 - 32 - 27 - 18 -	? ? <u>?</u>	° 0CL2
with a rubber policeman, and lysed in an ice-cold lysis buffer containing 20 mM Tris-HCl (pH 8.0), 0.2 mM EDTA. 3% Nonidet P-40, 2 mM orthovanadate, 50 mM NaF, 10 mM sodium pyrophosphate. 100 mM NaCl. and 10 ug each of	$A = \begin{bmatrix} 49 & - \\ 32 & - \\ 27 & - \\ 18 & - \\ 27 & - \end{bmatrix}$		•
with a rubber policeman, and lysed in an ice-cold lysis buffer containing 20 mM Tris-HCl (pH 8.0), 0.2 mM EDTA. 3% Nonidet P-40, 2 mM orthovanadate, 50 mM NaF, 10 mM sodium pyrophosphate. 100 mM NaCl. and 10 ug each of aprotinin and leupeptin per ml. After incubation on ice for 10	$A = \frac{1}{49 - 1}$ $32 - 27 - 18 - 27 - 18 - 18 - 18 - 18 - 18 - 18 - 18 - 1$		•
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with a rubber policeman, and lysed in an ice-cold lysis buffer containing 20 mM Tris-HCl (pH 8.0), 0.2 mM EDTA. 3% Nonidet P-40, 2 mM orthovanadate, 50 mM NaF, 10 mM sodium pyrophosphate. 100 mM NaCl. and 10 $\mu$ g each of aprotinin and leupeptin per ml. After incubation on ice for 10 min, the samples were centrifuged at 14.000 × e for 15 min. and the supernatants were collected. An aliquot was removed for	$A = \frac{1}{49 - 1}$ $32 - 27 - 18 - 18 - 18 - 18 - 18 - 18 - 18 - 1$		CL2
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with a rubber policeman, and lysed in an ice-cold lysis buffer containing 20 mM Tris·HCl (pH 8.0), 0.2 mM EDTA, 3% Nonidet P-40, 2 mM orthovanadate, 50 mM NaF, 10 mM sodium pvrophosphate. 100 mM NaCl. and 10 ug each of aprotinin and leupeptin per ml. After incubation on ice for 10 min, the samples were centrifuged at 14.000 × e for 15 min. and the supernatants were collected. An aliquot was removed for	$A = \frac{1}{49 - 1}$ $32 - 27 - 18 - 12$ $B = B$ $B = B$ $B = B$	2 3 A · · · · · · · · · · · · · · · · · ·	•
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- -	a role as a positive regulator of neural differentiation. The recent reports on the appearance of regulated expres- sion of BCL2 in the glandular epithelium of the endometrium
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	to the concept of a regulatory role of BCL2 for cell differen-
	differentiation. In addition, an association between BCL2
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	been found in different types of human cancer (30, 31, 32), suggesting that BCL2 reduces the growth rate of epithelial

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