



## DEVELOPMENTAL STUDIES HYBRIDOMA BANK

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### Xen1 (3B1)

#### INVESTIGATOR

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#### IMMUNOGEN

##### Substance

**Name** paraformaldehyde fixed larval brain

**Origin** Xenopus laevis

**Chemical Composition**

**Developmental Stage** st 34-40

#### IMMUNIZATION PROTOCOL

##### Donor Animal

**Species** mouse

**Strain** balb/c

**Sex**

**Organ and tissue** spleen

##### Immunization

**Dates immunized**

**Amount of antigen**

**Route of immunization**

**Adjuvant**

#### FUSION

**Date** 1990

##### Myeloma cell line

**Species** mouse

**Designation** NS1

#### MONOCLONAL ANTIBODY

**Isotype** IgG1

##### Specificity

**Cell binding**

**Immunohistology**

**Antibody competition**

**Species Specificity** frog

#### ANTIGEN

neural specific

##### Chemical properties

##### Molecular weight

##### Characterization

**Immunoprecipitation**

**Immunoblotting**

**Purification**

**Amino acid sequence analysis**

##### Functional effects

**Immunohistochemistry** +

#### PUBLICATIONS :

Ruiz i Altaba, A. (1992). Planar and vertical signals in the induction and patterning of the Xenopus nervous system. *Development* 116, 67-80.

Seufert, D.W., Prescott, N.L., and El-Hodiri, H.M. (2005). Xenopus aristaless-related homeobox (xArx) gene product functions as both a transcriptional activator and repressor in forebrain development. *Dev. Dyn.* 232, 313-324.



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### ACKNOWLEDGMENTS STATEMENT

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