

## Anti-SOX1 Rabbit pAb

Ref: AO-03-GB12690  
Volume: 10, 25, 50 and 100 µl

### Product Information

<b>Description</b>	SOX1 rabbit polyclonal antibody
<b>Protein full name</b>	Transcription factor SOX-1
<b>Synonyms</b>	Sox1, Sox-1, Sex determining region Y box 1, SRY box containing gene 1, SRY
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse SOX1
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purification
<b>Subcellular location</b>	Nucleus
<b>Uniprot ID</b>	P53783

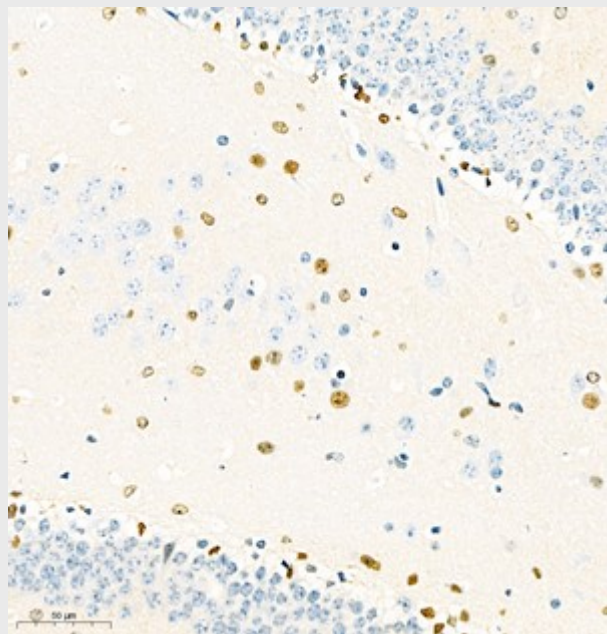
### Applications

Applications	Species	Dilution	Positive Sample
IHC/IF	Mouse, Rat	1: 500-1: 4000	brain

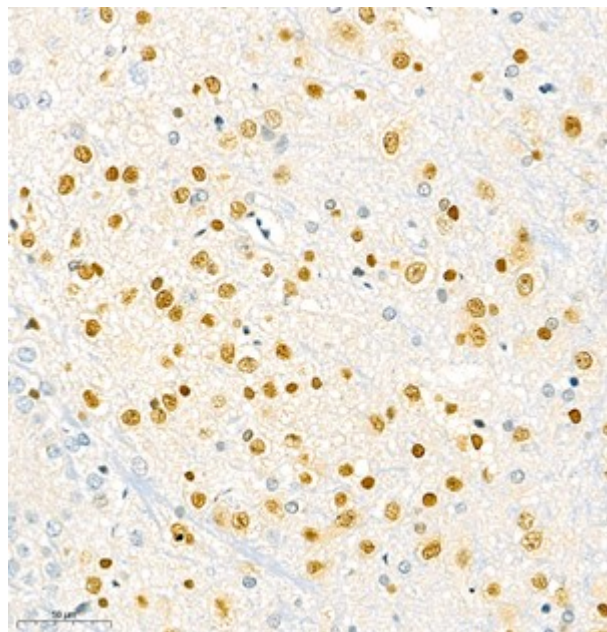
### Background

Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes.

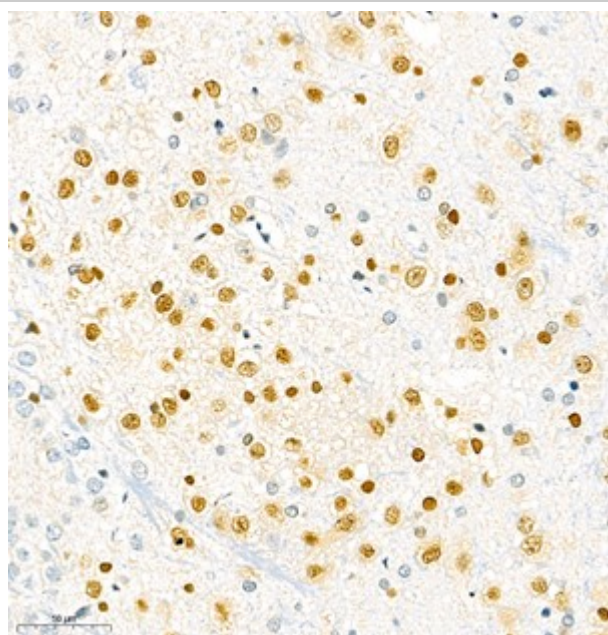
## Images



Immunohistochemistry of paraffin embedded mouse brain using SOX1 (AO-03-GB111888) at dilution of 1:2000 (300x lens)



Immunohistochemistry of paraffin embedded rat brain using SOX1 (AO-03-GB111888) at dilution of 1:2000 (300x lens)



Immunofluorescence of paraffin embedded rat brain using SOX1 (AO-03-GB111888) at dilution of 1:1000 (300x lens)

## Storage

<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Storage Buffer</b>	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

## NOTE:

1. This product is intended for research only.
2. This product is recommended to dilute with the Primary Antibody Dilution Buffer (G2025) .

**For Research Use Only!**

