# SOX2 antibody

# Cat. No. GTX31797

Host	Rabbit	
Clonality	Polyclonal	
lsotype	lgG	
Applications	WB, ICC/IF, IHC-P, ELISA	
Reactivity	Human, Mouse, Rat	

Package 100 µg

# Applications

## **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1 - 2 μg/mL
ICC/IF	5 μg/mL
IHC-P	5 μg/mL
ELISA	Assay dependent
Not tested in other applications	

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### **Calculated MW**

34 kDa. (<u>Note</u>)

Properties	
Form	Liquid
Buffer	PBS
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	SOX2 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human SOX. The immunogen is located within the first 50 amino acids of SOX2.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



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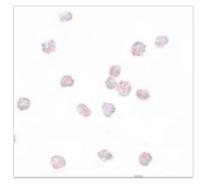


Note

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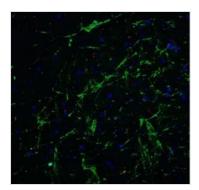
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#### DATA IMAGES



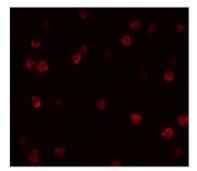
### GTX31797 ICC/IF Image

ICC/IF analysis of 3T3 cells using GTX31797 SOX2 antibody. Working concentration : 5  $\mu g/ml$ 



#### GTX31797 IHC-P Image

IHC-P analysis of mouse brain tissue using GTX31797 SOX2 antibody. Working concentration : 20 μg/ml Green : Primary antibody Blue : DAPI Red : Actin



#### GTX31797 ICC/IF Image

ICC/IF analysis of 3T3 cells using GTX31797 SOX2 antibody. Working concentration : 20  $\mu g/ml$ 



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