

## SOX2 antibody [GT1876]

Cat. No. GTX627404

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP
Reactivity	Human, Mouse, Rat, Zebrafish

References ( 15 )

★★★★☆ Review ( 2 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	1:100-1:1000
FCM	1:50-1:200
IP	1:100-1:500

**Note : The use of GTX627404 for zebrafish is based on WB testing. For IHC or IHC whole mount using zebrafish samples, we recommend GTX124477.**

Not tested in other applications.

Calculated MW 34 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
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	Recombinant protein encompassing a sequence within the center region of human SOX2. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



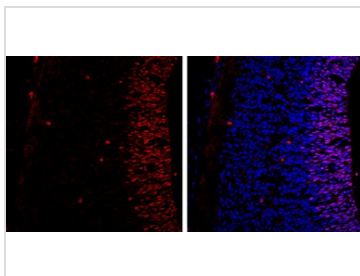
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## Note

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## DATA IMAGES



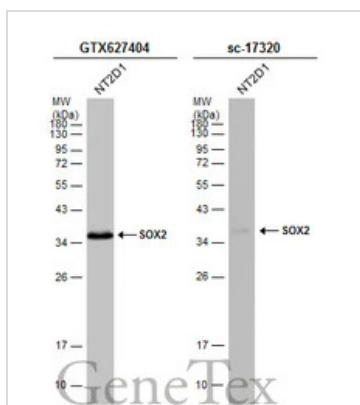
### GTX627404 IHC-Fr Image

SOX2 antibody [GT1876] detects SOX2 protein expression at nucleus by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Red: SOX2 protein stained by SOX2 antibody [GT1876] (GTX627404) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



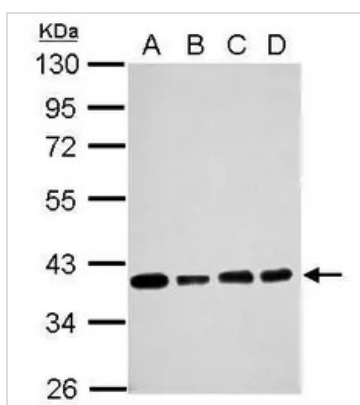
### GTX627404 WB Image

Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membranes were blotted with SOX2

antibody [GT1876] (GTX627404) diluted at 1:1000 and competitor's antibody (sc-17320) diluted at 1:500.

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

\*The competitor is not affiliated with GeneTex and does not endorse this product.



### GTX627404 WB Image

Sample (30 ug of whole cell lysate)

A: NT2D1

B: PC-3

C: U87-MG

D: SK-N-SH

10% SDS PAGE

GTX627404 diluted at 1:5000



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