

# SOX2 antibody [GT1352]

# Cat. No. GTX627405

Host	Mouse
Clonality	Monoclonal
Isotype	lgG2a
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM
Reactivity	Human, Mouse



# Applications

# **Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
FCM	1:50-1:200
Not tosted in other applications	

Not tested in other applications.

Calculated MW 34 kDa. (Note)

Properties	
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
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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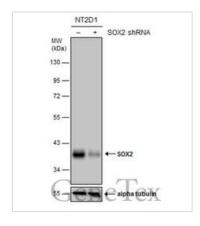


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#### Note

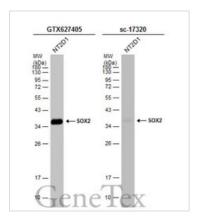
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### DATA IMAGES



### GTX627405 WB Image

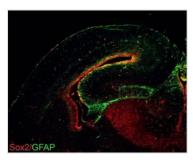
Non-transfected (–) and transfected (+) NT2D1 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SOX2 antibody [GT1352] (GTX627405) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



## GTX627405 WB Image

Whole cell extract (30  $\mu$ g) was separated by 12% SDS-PAGE, and the membranes were blotted with SOX2 antibody [GT1352] (GTX627405) 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, and the signal was developed with Trident ECL plus-Enhanced.

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



## GTX627405 IHC-Fr Image

Sox2 antibodies detects Sox2 proteins on embryonic mouse brain by immunohistochemical analysis. Sample: Frozen section of embryonic mouse brain (mE18.5).

Green: GFAP antibody (GTX108711) diluted at 1:1000.

Red: Sox2 antibody [GT1352] (GTX627405) diluted at 1:250.



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