

SOX2 antibody [HL1193]

Cat. No. GTX636505

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse, Rat, Cat

 Review (2)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent
IP	Assay dependent

Not tested in other applications.

Observed MW (kDa) 34 kDa.

Product Note This antibody may not be suitable for rat IHC-P assay, as its rat reactivity is based on ICC/IF testing.

Properties

Form	Liquid
Buffer	PBS
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 fragment of human SOX2.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



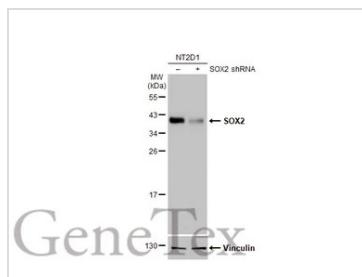
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Date 2026 / 02 / 07 Page 1 of 2

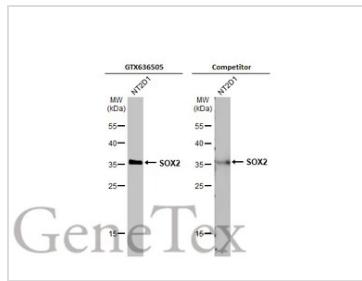
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

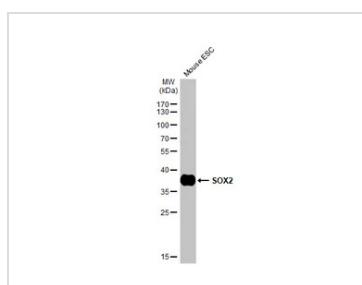
DATA IMAGES**GTX636505 WB Image**

Non-transfected (-) and transfected (+) NT2D1 whole cell extract (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with SOX2 antibody [HL1193] (GTX636505) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

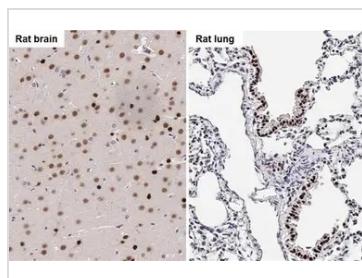
**GTX636505 WB Image**

Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membranes were blotted with SOX2 antibody [HL1193] (GTX636505) diluted at 1:1000 and competitor's antibody (sc-17320) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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

**GTX636505 WB Image**

Mouse ESC extract (50 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with SOX2 antibody [HL1193] (GTX636505) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX636505 IHC-P Image**

SOX2 antibody detects SOX2 protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

SOX2 stained by SOX2 antibody (GTX636505) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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Date 2026 / 02 / 07 Page 2 of 2