SOX2 antibody

Cat. No. GTX101506

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, FCM
Reactivity	Human, Mouse

References (9)
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	1:100-1:1000
IHC-Fr	1:100-1:1000
FCM	Assay dependent

Note : Permeabilization : 0.1% saponin

Not tested in other applications.

Calculated MW	34 kDa. (Note)
Product Note	KO/KD validation is based on published data (PMID: 32427884).

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC 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	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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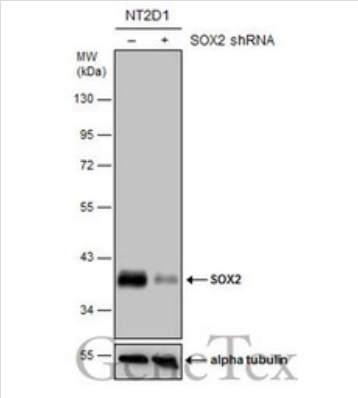
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Note

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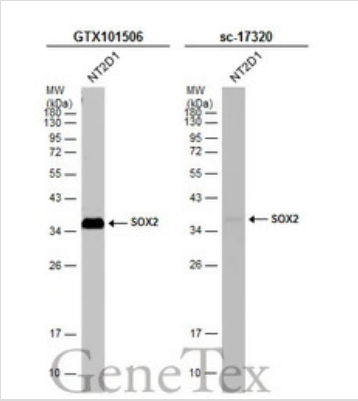
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DATA IMAGES



GTX101506 WB Image

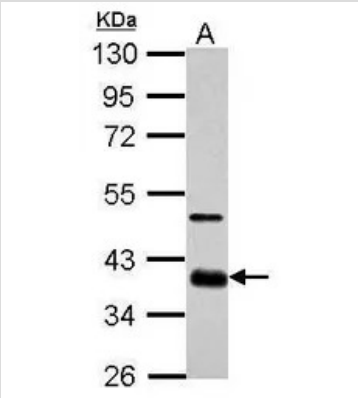
Non-transfected (–) and transfected (+) NT2D1 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SOX2 antibody (GTX101506) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX101506 WB Image

Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membranes were blotted with SOX2 antibody (GTX101506) diluted at 1:1000 and competitor's antibody (sc-17320) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) 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.



GTX101506 WB Image

Sample (30 µg of whole cell lysate)
A: GL261
10% SDS PAGE
GTX101506 diluted at 1:1000
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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