

Nkx2.5 antibody

Cat. No. GTX105711

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

[References \(3 \)](#)

[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-P	1:100-1:1000

Not tested in other applications.

Calculated MW 35 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.15 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Nkx2.5. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

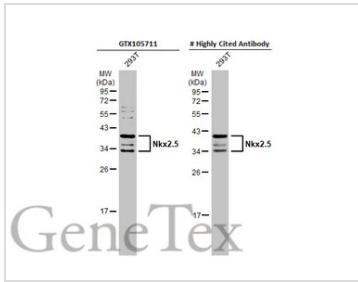
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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.

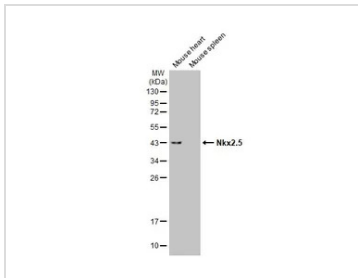


For full product information, images and publications, please visit our [website](#).

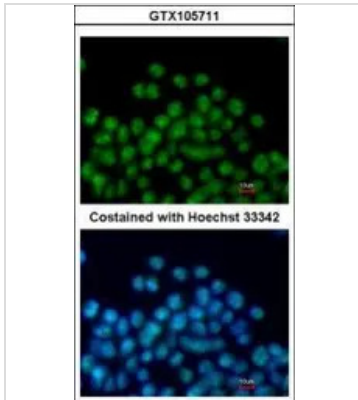
DATA IMAGES

GTX105711 WB Image

Whole cell extract (30 µg) was separated by 12% SDS-PAGE, and the membranes were blotted with Nkx2.5 antibody (GTX105711) diluted at 1:1000 and competitor's antibody diluted at 1:1000. 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.

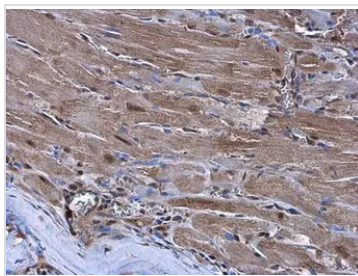
*The competitor is not affiliated with GeneTex and does not endorse this product.


GTX105711 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Nkx2.5 antibody (GTX105711) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX105711 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed mouse ESC D3, using Nkx2.5(GTX105711) antibody at 1:200 dilution.


GTX105711 IHC-P Image

Nkx2.5 antibody detects Nkx2.5 protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded rat heart. Nkx2.5 stained by Nkx2.5 antibody (GTX105711) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



For full product information, images and publications, please visit our [website](https://www.genetex.com).