

Nkx2.5 antibody

Cat. No. GTX133155

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

References (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	1:100-1:1000

Not tested in other applications.

Calculated MW 34 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	0.9 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of mouse Nkx2.5. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

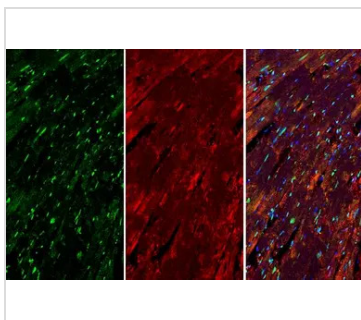
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DATA IMAGES



GTX133155 IHC-P Image

Nkx2.5 antibody detects Nkx2.5 protein at nucleus by immunohistochemical analysis.

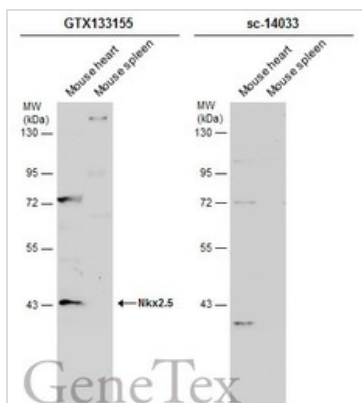
Sample: Paraffin-embedded mouse heart.

Green: Nkx2.5 stained by Nkx2.5 antibody (GTX133155) diluted at 1:250.

Red: beta Actin, a cytoskeleton marker, stained by beta Actin antibody [GT5512] (GTX629630) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

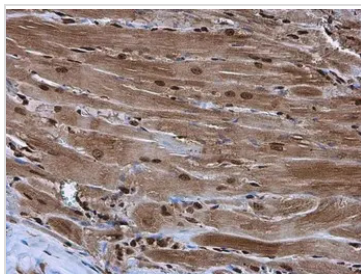
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX133155 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with Nkx2.5 antibody (GTX133155) diluted at 1:500 and competitor's antibody (sc-14033) diluted at 1:500. 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.



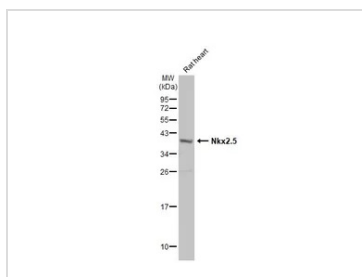
GTX133155 IHC-P Image

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 (GTX133155) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX133155 WB Image

Rat tissue extract (50 µg) was separated by 12% SDS-PAGE, and the membrane was blotted with Nkx2.5 antibody (GTX133155) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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