

Nkx2.5 antibody, Internal

Cat. No. GTX88402

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

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.3-1µg/ml
ICC/IF	5µg/ml
IHC-P	3.75µg/ml

Note : Strong expression of the protein seen in the nucleus and cytoplasm of U2OS cells.

Not tested in other applications.

Calculated MW	35 kDa. (Note)
Product Note	This antibody is expected to recognize all three reported isoforms (NP_004378.1; NP_001159647.1; NP_001159648.1).

Properties

Form	Liquid
Buffer	TBS, 0.5% BSA
Preservative	0.02% Sodium azide
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	0.50 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide with sequence C-PRAYSDPDPAKDPR, from the internal region of the protein sequence according to NP_004378.1; NP_001159647.1; NP_001159648.1.
Purification	Purified by ammonium sulphate precipitation followed by antigen affinity chromatography
Conjugation	Unconjugated

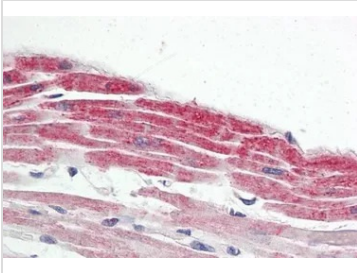


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Note

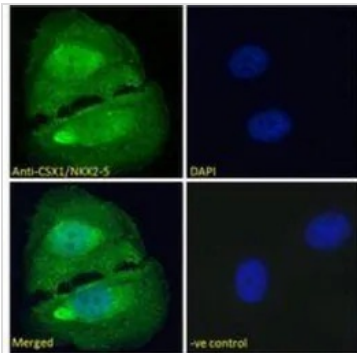
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DATA IMAGES

GTx88402 IHC-P Image

IHC-P analysis of human heart using GTX88402 Nkx2.5 antibody, Internal.

Antigen retrieval : citrate buffer pH 6

Dilution : 3.75µg/ml


GTx88402 ICC/IF Image

ICC/IF analysis of PFA fixed U2OS cells using GTX88402 Nkx2.5 antibody, Internal.

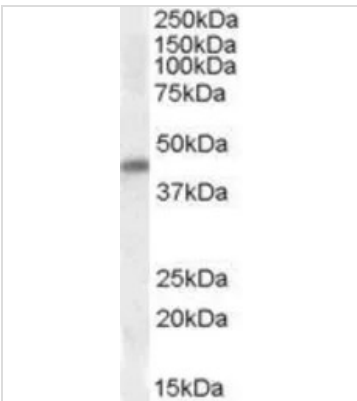
Green : Primary antibody

Blue : DAPI

Negative control : Unimmunized goat IgG

Permeabilization : 0.15% Triton

Dilution : 5µg/ml


GTx88402 WB Image

WB analysis of human heart lysate using GTX88402 Nkx2.5 antibody, Internal.

Dilution : 0.3µg/ml

Loading : 35µg protein in RIPA buffer



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