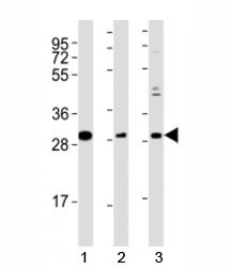
Nkx2.5 Antibody (F53210)

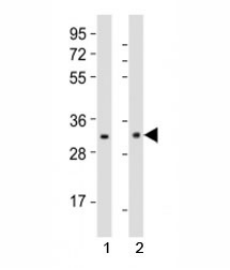
Catalog No.	Formulation	Size
F53210-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53210-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P42582
Applications	Western blot: 1:1000-2000
Limitations	This Nkx2.5 antibody is available for research use only.



Western blot testing of Nkx2.5 antibody at 1:2000 dilution and mouse tissue; Lane 1: stomach lysate; 2: spleen lysate; 3: heart lysate; Predicted molecular weight ~35kDa, routinely observed at 35~45kDa.



Western blot testing of Nkx2.5 antibody at 1:1000 dilution and mouse tissue; Lane 1: spleen lysate; 2: stomach lysate; Predicted molecular weight ~35kDa, routinely observed at 35~45kDa.

Description

Implicated in commitment to and/or differentiation of the myocardial lineage. Acts as a transcriptional activator of ANF in cooperation with GATA4. It is transcriptionally controlled by PBX1 and acts as a transcriptional repressor of CDKN2B. Together with PBX1, it is required for spleen development through a mechanism that involves CDKN2B repression.

Application Notes

Titration of the Nkx2.5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This mouse Nkx2.5 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 98-133 amino acids.

Storage

Aliquot the Nkx2.5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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