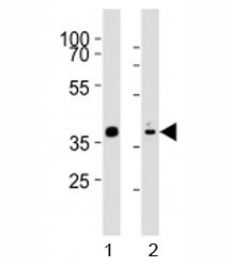
Nkx2.5 Antibody (F52860)

Catalog No.	Formulation	Size
F52860-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52860-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

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



Western blot analysis of lysate from mouse stomach, rat heart tissue (left to right) using Mouse Nkx2.5 antibody at 1:1000 for each lane. Predicted molecular weight ~35 kDa, routinely observed at 35~45 kDa.

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 192-225 amino acids from the Central region of mouse Nkx2.5.

Storage

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

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