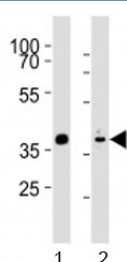


## Nkx2.5 Antibody (F52860)

| 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](#)

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Mouse, Rat   |
| <b>Format</b>             | Antigen affinity purified                                |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                               |
| <b>Isotype</b>            | Rabbit Ig  |
| <b>Purity</b>             | Antigen affinity   |
| <b>UniProt</b>            | P42582   |
| <b>Applications</b>       | Western Blot : 1:1000                                    |
| <b>Limitations</b>        | 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.