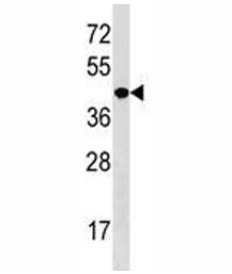
NKX2.5 Antibody (F45607)

Catalog No.	Formulation	Size
F45607-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45607-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P52952
Applications	Western blot: 1:1000
Limitations	This NKX2.5 antibody is available for research use only.



NKX2.5 antibody western blot analysis in mouse liver tissue lysate. Predicted molecular weight ~35kDa, routinely observed at 35~45kDa.

Description

This gene encodes a homeobox-containing transcription factor. This transcription factor functions in heart formation and development. Mutations in this gene cause atrial septal defect with atrioventricular conduction defect, and also tetralogy of Fallot, which are both heart malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-goitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants.

Application Notes

Titration of the NKX2.5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 2-5 from the human protein was used as the immunogen for this NKX2.5 antibody.

Storage

Aliquot the NKX2.5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.