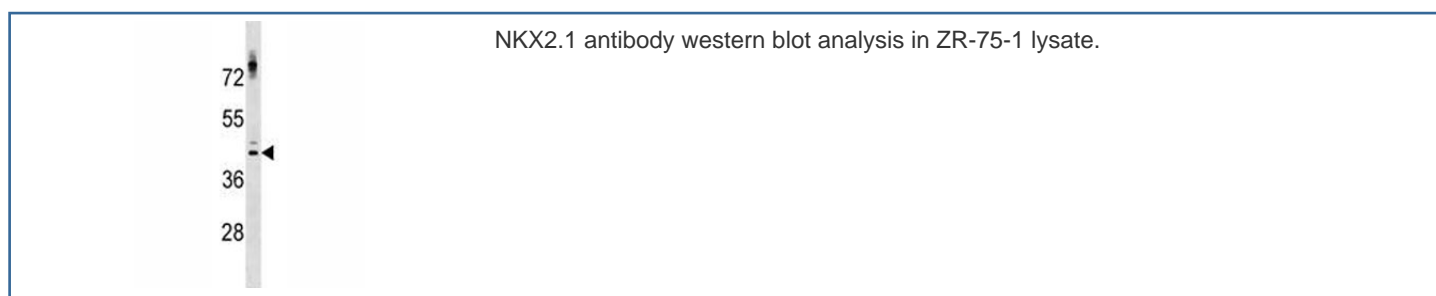


## NKX2.1 Antibody / TTF-1 (F45942)

Catalog No.	Formulation	Size
F45942-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F45942-0.08ML	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>	Human
<b>Predicted 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>	P43699
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This NKX2.1 antibody is available for research use only.



## Description

This gene encodes a protein initially identified as a thyroid-specific transcription factor. NKX2.1/TTF-1 binds to thyroglobulin promoter and regulates the expression of thyroid-specific genes but has also been shown to regulate the expression of genes involved in morphogenesis. Mutations and deletions in this gene are associated with benign hereditary chorea, choreoathetosis, congenital hypothyroidism, and neonatal respiratory distress, and may be associated with thyroid cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

## Application Notes

Titration of the NKX2.1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 2-1 from the human protein was used as the immunogen for this NKX2.1 antibody.

## **Storage**

Aliquot the NKX2.1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.