

NKX2-1 antibody

Catalog No: #38577

Package Size: #38577-1 50ul #38577-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

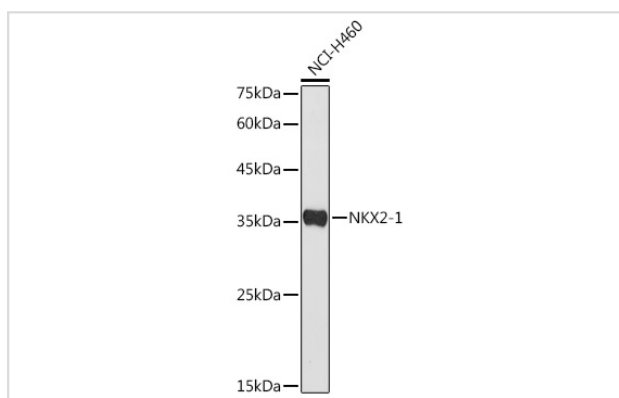
Description

Product Name	NKX2-1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total NKX2-1 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human NKX2-1
Target Name	NKX2-1
Other Names	NKX2-1;BCH;BHC;NK-2;NKX2.1;NKX2A;NMTC1;T/EBP;TEBP;TITF1;TTF-1;TTF1
Accession No.	Uniprot:P43699GeneID:7080
SDS-PAGE MW	39KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of NCI-H460 cells, using NKX2-1 antibody.

Background

This gene encodes a protein initially identified as a thyroid-specific transcription factor. The encoded protein binds to the 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. This gene shares the symbol/alias 'TTF1' with another gene, transcription termination factor 1, which plays a role in ribosomal gene transcription.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.