

Datasheet for ABIN1538042
anti-NKX2-1 antibody (AA 197-226)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	NKX2-1
Binding Specificity:	AA 197-226
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX2-1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This NKX2-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 197-226 amino acids from the Central region of human NKX2-1.
Clone:	RB37578
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NKX2-1
Alternative Name:	NKX2-1 (NKX2-1 Products)

Target Details

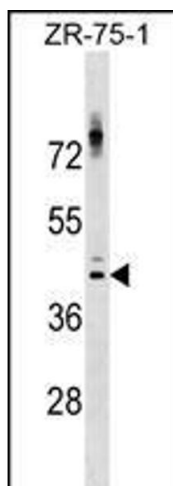
Background:	This gene encodes a protein initially identified as a thyroid-specific transcription factor. The encoded protein binds to thyroglobulin promoter and regulates the expression of thyroid-specific genes but has also been shown to regulate the expression of genes involved in morphogenesis. Mutations 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.
Molecular Weight:	38596
Gene ID:	7080
NCBI Accession:	NP_001073136 , NP_003308
UniProt:	P43699
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Systemic Arterial Blood Pressure by Hormones , Cellular Glucan Metabolic Process , Feeding Behaviour

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	NKX2-1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. NKX2-1 Antibody (Center) (ABIN1538042 and ABIN2849358) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the NKX2-1 antibody detected the NKX2-1 protein (arrow).