Datasheet for ABIN7441385

anti-NKX2-1 antibody

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	NKX2-1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX2-1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Thyroid Transcription Factor 1 (TITF1)
Immunogen:	OVA Conjugated Thyroid Transcription Factor 1 (TITF1)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against TITF1. It has been selected for its ability to recognize TITF1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	NKX2-1
Alternative Name:	Thyroid Transcription Factor 1 (NKX2-1 Products)

Target Details

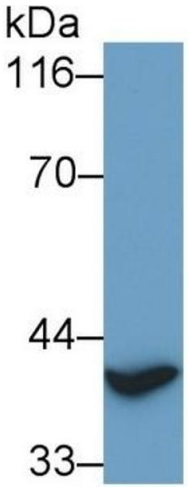
Background:	TTF1, NKX2-1, BCH, BHC, NK-2, NKX2.1, NKX2A, TEBP, NK2 Homeobox 1, Benign Chorea, Thyroid nuclear factor 1, Thyroid-specific enhancer-binding protein
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Systemic Arterial Blood Pressure by Hormones, Cellular Glucan Metabolic Process, Feeding Behaviour

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

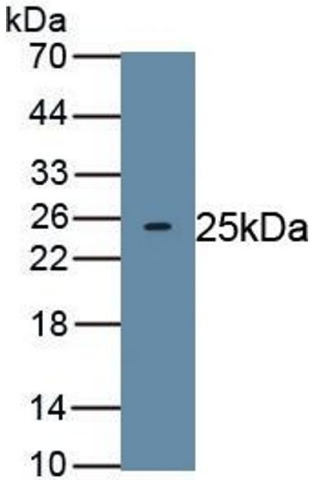
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of TITF1 in Rat Heart lysate using Polyclonal Antibody to Thyroid Transcription Factor 1 (TITF1)



Western Blotting

Image 2. Detection of Recombinant TITF1, Human using Polyclonal Antibody to Thyroid Transcription Factor 1 (TITF1)

