

Datasheet for ABIN953718
anti-NKX6-1 antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	NKX6-1
Binding Specificity:	AA 284-314, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX6-1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 284-314aa) of human NKX6-1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes NKX6-1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	NKX6-1
Alternative Name:	NKX6-1 (NKX6-1 Products)

Target Details

Background:	In the pancreas, NKX6-1 is required for the development of beta cells and is a potent bifunctional transcription regulator that binds to AT-rich sequences within the promoter region of target genes. [Ilye et al., 2004, PubMed 15056733]Synonyms: Homeobox protein Nkx-6.1, NKX6A
Gene ID:	4825
NCBI Accession:	NP_006159
Pathways:	Dopaminergic Neurogenesis, Positive Regulation of Peptide Hormone Secretion

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis in A549 cell line lysates (35ug/lane) using NKX6-1 Antibody (C-term). This demonstrates this antibody detected the NKX6-1 protein (arrow).

Western Blotting

Image 2. Western blot analysis in mouse liver tissue lysates (35ug/lane) using NKX6-1 Antibody (C-term). This demonstrates this antibody detected the NKX6-1 protein (arrow).