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## anti-NKX6-1 antibody (AA 1-367)

**Images** 



#### Overview

Quantity:	100 μL
Target:	NKX6-1
Binding Specificity:	AA 1-367
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NKX6-1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

#### **Product Details**

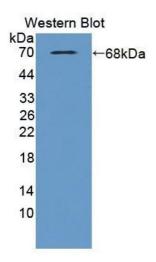
Purpose:	Polyclonal Antibody to NK6 Homeobox Protein 1 (NKX6-1)
Immunogen:	Recombinant NK6 Homeobox Protein 1 (NKX6-1) corresdonding to Met1~Ser367 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against NKX6-1. It has been selected for its ability to recognize NKX6-1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

### **Target Details**

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Target:	NKX6-1
Alternative Name:	NK6 Homeobox Protein 1 (NKX6-1 Products)
Background:	NKX6A, Nkx6.1, NK6 Transcription Factor Related,Locus 1, Homeobox protein NK-6 homolog A
Pathways:	Dopaminergic Neurogenesis, Positive Regulation of Peptide Hormone Secretion
Application Details	
Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-
	20 μg/mL 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:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 NKX6-1 in Human BXPC3 cell lysate using Polyclonal Antibody to NK6 Homeobox Protein 1 (NKX6-1)

#### **Western Blotting**

Image 2. Detection of Recombinant NKX6-1, Human using Polyclonal Antibody to NK6 Homeobox Protein 1 (NKX6-1)