

## Product datasheet

# Anti-nkx6.3 antibody ab93235

[2 Images](#)

### Overview

<b>Product name</b>	Anti-nkx6.3 antibody
<b>Description</b>	Rabbit polyclonal to nkx6.3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 50 - 150 of Human nkx6.3. Read Abcam's proprietary immunogen policy
<b>Positive control</b>	This antibody gave a positive signal in the following lysates: E12 Mouse Embryo Brain and Spinal Cord Tissue Lysate.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab93235** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

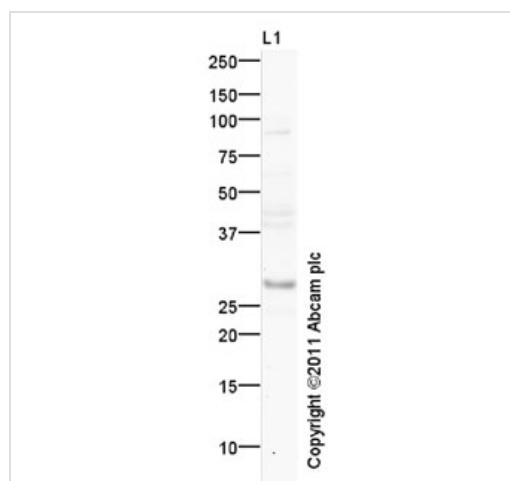
Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 µg/ml.

Application	Abreviews	Notes
WB		Use a concentration of 1 mg/ml. Detects a band of approximately 28 kDa (predicted molecular weight: 28 kDa).

## Target

<b>Function</b>	Putative transcription factor, which may be involved in patterning of central nervous system and pancreas.
<b>Sequence similarities</b>	Contains 1 homeobox DNA-binding domain.
<b>Cellular localization</b>	Nucleus.

## Images



Western blot - Anti-nkx6.3 antibody (ab93235)

Anti-nkx6.3 antibody (ab93235) at 1 µg/ml +  
E12 Mouse Embryo Brain and Spinal Cord  
Tissue Lysate at 10 µg

### Secondary

Goat polyclonal Secondary Antibody to Rabbit  
IgG - H&L (HRP), pre-adsorbed at 1/5000  
dilution

Developed using the ECL technique.

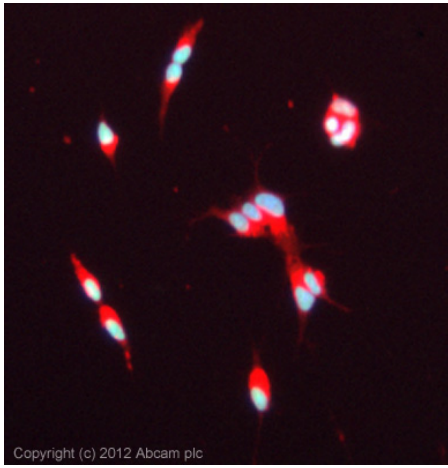
Performed under reducing conditions.

**Predicted band size:** 28 kDa

**Observed band size:** 28 kDa

**Additional bands at:** 38 kDa, 42 kDa, 90 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 12 minutes



Immunocytochemistry/ Immunofluorescence - Anti-nkx6.3 antibody (ab93235)

ICC/IF image of ab93235 stained SNKSH cells. The cells were 100% methanol fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab93235, 5µg/ml) overnight at +4°C. The secondary antibody (green) was ab96899, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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