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NKX1-1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11916c

Specification

NKX1-1 Antibody (Center) - Product Information

Application	**IF, WB,E**
Primary Accession	Q15270
Other Accession	XP_931434.4
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**44012**
Antigen Region	**1-1**

NKX1-1 Antibody (Center) - Additional Information

Gene ID 54729

Other Names
NK1 transcription factor-related protein 1, Homeobox protein 153, HPX-153, Homeobox protein SAX-2, NKX-11, NKX1-1, HPX153

Target/Specificity
This NKX1-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 230-258 amino acids from the Central region of human NKX1-1.

Dilution
IF~~1:10~50
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NKX1-1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NKX1-1 Antibody (Center) - Protein Information

Name NKX1-1 (HGNC:24975)

Function May be required for the coordinated crosstalk of factors involved in the maintenance of energy homeostasis, possibly by regulating the transcription of specific factors involved in energy balance.

Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

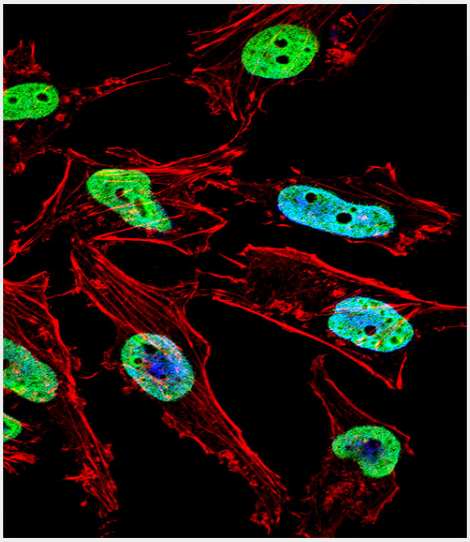
Tissue Location
Expressed in hemopoietic progenitor cells.

NKX1-1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

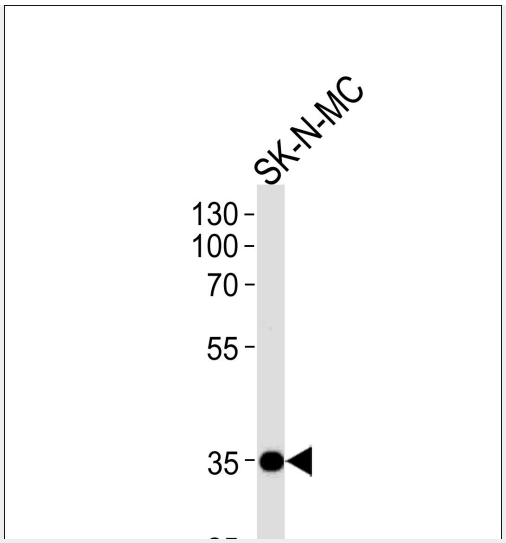
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NKX1-1 Antibody (Center) - Images



Fluorescent confocal image of Hela cell stained with NKX1-1 Antibody (Center)(Cat#AP11916c).Hela cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with NKX1-1 primary antibody (1:25, 1 h at 37℃). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37℃).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37℃). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). NKX1-1 immunoreactivity is localized to Nucleus significantly.

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NKX1-1 Antibody (Center) (Cat. #AP11916c) western blot analysis in SK-N-MC cell line lysates (35ug/lane).This demonstrates the NKX1-1 antibody detected the NKX1-1 protein (arrow).

NKX1-1 Antibody (Center) - Background

The function of this protein remains unknown.