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NKX1-1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11916c

Product Information

Application	IF, WB, E
Primary Accession	Q15270
Other Accession	XP_931434.4
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	44012
Antigen Region	1-1

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 E~~Use at an assay dependent concentration.
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.

Protein Information

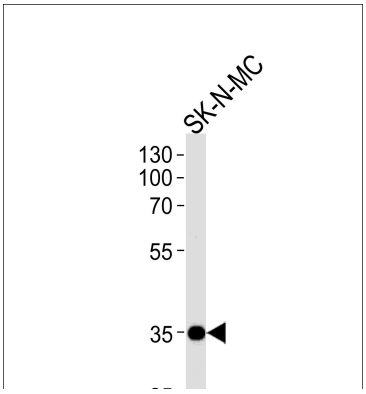
Name	NKX1-1 (HGNC:24975)
Function	May be required for the coordinated crosstalk of factors involved in the maintenance of energy homeostasis, possibly by regulating the transcription of specific factors involved in energy balance.

Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.
Tissue Location	Expressed in hemopoietic progenitor cells.

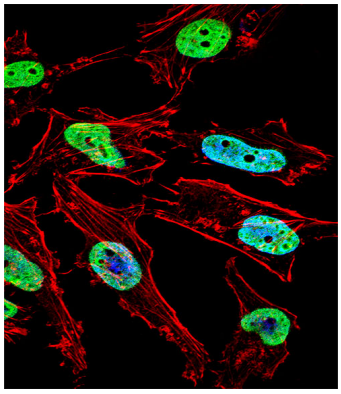
Background

The function of this protein remains unknown.

Images



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).



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°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). NKX1-1 immunoreactivity is localized to Nucleus significantly.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.