

NKX1-2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11745a

Specification

NKX1-2 Antibody (N-term) - Product Information

Application	FC, WB,E
Primary Accession	Q9UD57
Other Accession	XP_002347203.1 , XP_002343058.1 , XP_002344570.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32381
Antigen Region	1-2

NKX1-2 Antibody (N-term) - Additional Information

Gene ID 390010

Other Names

NK1 transcription factor-related protein 2, Homeobox protein SAX-1, NKX-11, NKX1-2, C10orf121, NKX11

Target/Specificity

This NKX1-2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-74 amino acids from the N-terminal region of human NKX1-2.

Dilution

FC~~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

NKX1-2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NKX1-2 Antibody (N-term) - Protein Information

Name NKX1-2

Synonyms C10orf121, NKX1.1

Function Transcriptional repressor. May play a role in early development as a Wnt/beta-catenin effector, hence controlling pluripotency and preimplantation development of embryonic stem cells. May promote adipogenesis in mesenchymal stem cells, possibly by inhibiting the expression of the antiadipogenic factor NR2F2. May inhibit osteoblastogenic differentiation.

Cellular Location

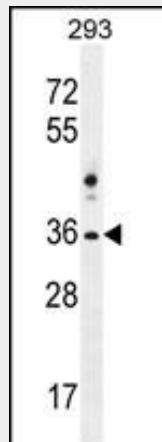
Nucleus {ECO:0000250|UniProtKB:P42580}. Nucleus, nucleolus {ECO:0000250|UniProtKB:P42580}. Note=Specifically localizes to the nucleoli of oocytes and preimplantation embryos {ECO:0000250|UniProtKB:P42580}

NKX1-2 Antibody (N-term) - Protocols

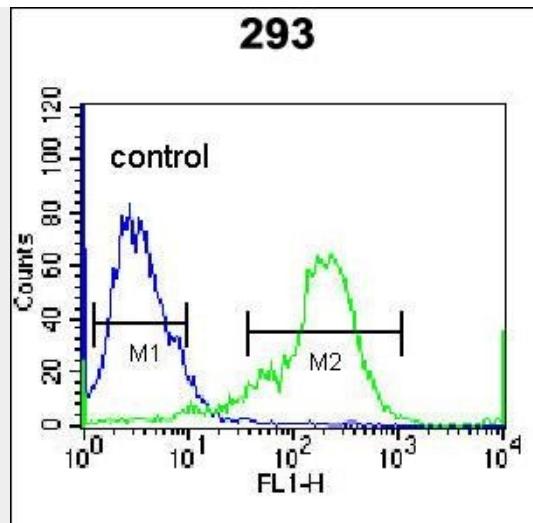
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NKX1-2 Antibody (N-term) - Images



NKX1-2 Antibody (N-term) (Cat. #AP11745a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the NKX1-2 antibody detected the NKX1-2 protein (arrow).



NKX1-2 Antibody (N-term) (Cat. #AP11745a) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

NKX1-2 Antibody (N-term) - Background

NKX1-2 may function in cell specification, particularly in the CNS (By similarity).