

UNCX Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11164b

Specification

UNCX Antibody (C-term) - Product Information

| | |
|-------------------|--------------------------------|
| Application | IF, WB,E |
| Primary Accession | A6NJT0 |
| Other Accession | NP_001073930.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 53690 |
| Antigen Region | 382-410 |

UNCX Antibody (C-term) - Additional Information

Gene ID 340260

Other Names

Homeobox protein unc-4 homolog, Homeobox protein Uncx41, UNCX, UNCX41

Target/Specificity

This UNCX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 382-410 amino acids from the C-terminal region of human UNCX.

Dilution

IF~~1:25

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

UNCX Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UNCX Antibody (C-term) - Protein Information

Name UNCX

Synonyms UNCX4.1

Function Transcription factor involved in somitogenesis and neurogenesis. Required for the maintenance and differentiation of particular elements of the axial skeleton. May act upstream of PAX9. Plays a role in controlling the development of connections of hypothalamic neurons to pituitary elements, allowing central neurons to reach the peripheral blood circulation and to deliver hormones for control of peripheral functions (By similarity).

Cellular Location

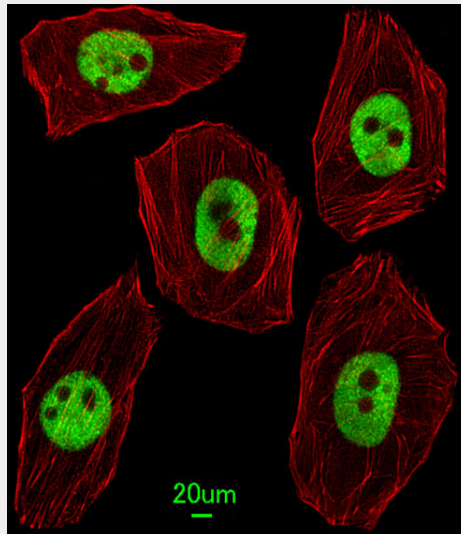
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

UNCX Antibody (C-term) - Protocols

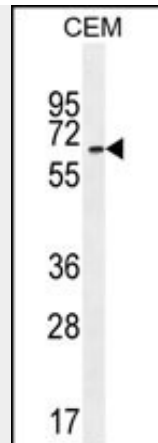
Provided below are standard protocols that you may find useful for product applications.

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

UNCX Antibody (C-term) - Images



Immunofluorescent analysis of U251 cells, using UNCX Antibody (C-term) (Cat. #AP11164b). AP11164b was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with DyLight Fluor® 554 (red) conjugated Phalloidin (red).



UNCX Antibody (C-term) (Cat. #AP11164b) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the UNCX antibody detected the UNCX protein (arrow).

UNCX Antibody (C-term) - Background

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments (By similarity).

UNCX Antibody (C-term) - References

Venter, J.C., et al. Science 291(5507):1304-1351(2001)