

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

**Specification**

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**UNCX Antibody (C-term) - Product Information**

Application	IF, WB,E
Primary Accession	<a href="#">A6NJT0</a>
Other Accession	<a href="#">NP_001073930.1</a>
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**

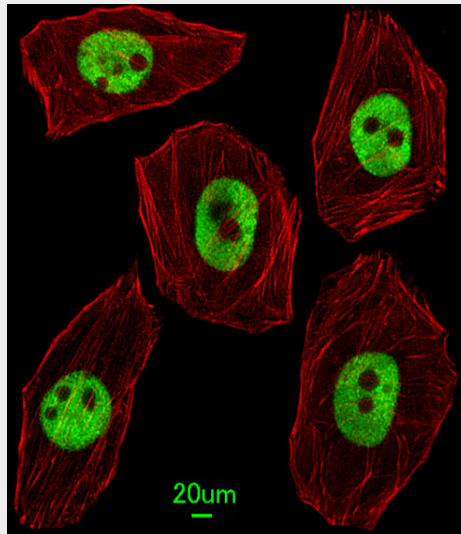
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108}.

**UNCX Antibody (C-term) - Protocols**

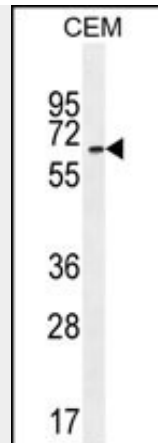
Provided below are standard protocols that you may find useful for product applications.

- [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)