

Rabbit anti-Human UNCX Polyclonal Antibody | anti-UNCX antibody

UNCX Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289040	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

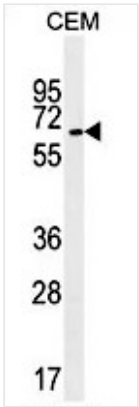
PRODUCT SYNONYMS

UNCX; Polyclonal Antibody; UNCX Antibody (C-term); Homeobox protein unc-4 homolog; Homeobox protein Uncx41; UNCX41; anti-UNCX antibody

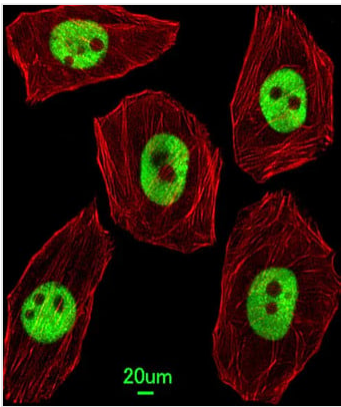
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial concentration: 0.5mg/ml (varies by lot)
Sequence Positions	382-410
Sequence Length	531
Applicable Applications for anti-UNCX antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
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}.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



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



IF (Immunofluorescence)
Immunofluorescent analysis of U251 cells, using UNCX Antibody (C-term). AAA289040 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).

ADDITIONAL INFORMATION

Related Product Information for anti-UNCX antibody	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).
Product Categories/Family for anti-UNCX antibody	Crown Antibodies; Neuroscience
References	Venter, J.C., et al. Science 291(5507):1304-1351(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	122937321
NCBI GeneID	340260
NCBI Accession #	NP_001073930.1
NCBI GenBank Nucleotide #	NM_001080461.1
UniProt Accession #	A6NJT0; A4D221
Molecular Weight	53690
NCBI Official Full Name	homeobox protein unc-4 homolog
NCBI Official Synonym Full Names	UNC homeobox
NCBI Official Symbol	UNCX
NCBI Official Synonym Symbols	UNCX4.1
NCBI Protein Information	homeobox protein unc-4 homolog
UniProt Protein Name	Homeobox protein unc-4 homolog
UniProt Gene Name	UNCX
UniProt Synonym Gene Names	UNCX4.1
UniProt Entry Name	UNC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/uncx-antibody-immunofluorescence-western-blot-elisa/289040>