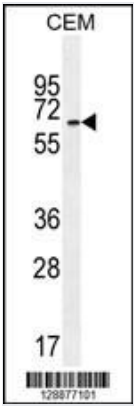
UNCX Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UNCX, Polyclonal Antibody
Full Product Name	UNCX, CT (UNCX, UNCX4.1, Homeobox protein unc-4 homolog, Homeobox protein Uncx4.1) (AP)
Product Gene Name	anti-UNCX antibody
Product Synonym Names	UNCX; UNCX4.1; Homeobox protein unc-4 homolog; Homeobox protein Uncx4.1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	53,690 Da
3D Structure	ModBase 3D Structure for A6NJT0
Immunogen	UNCX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 389-417 amino acids from the C-terminal region of human UNCX.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-UNCX antibody	Antibodies; Transcription Factors; Zinc; Ring; Homeobox
Applications Tested/Suitable for anti-UNCX antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-UNCX antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
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 References and Citations for anti-UNCX antibody	Venter, J.C., et al. Science 291(5507):1304-1351(2001).
Other Notes	Small volumes of anti-UNCX antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UNCX purchase	MBS6361531 is an antibody targeting UNCX. Also known as UNCX, CT (UNCX, UNCX4.1, Homeobox protein unc-4 homolog, Homeobox protein Uncx4.1) (AP). Reactive in Human. Host: Rabbit.



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

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UNCX. It may not necessarily be applicable to this product.

NCBI GI #	122937321
NCBI GeneID	340260
NCBI Accession #	NP_001073930.1
UniProt Primary Accession #	A6NJT0
UniProt Secondary Accession #	A4D221
UniProt Related Accession #	A6NJT0
GenBank Nucleotide #	NM_001080461.2
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
UniProt Protein Name	Homeobox protein unc-4 homolog
UniProt Synonym Protein Names	Homeobox protein Uncx4.1
Protein Family	Homeobox protein
UniProt Gene Name	UNCX
UniProt Synonym Gene Names	UNCX4.1
NCBI Protein Information	homeobox protein unc-4 homolog
NCBI Summary for UNCX	This gene encodes a homeobox transcription factor that is involved in somitogenesis and neurogenesis and is required for the maintenance and differentiation of specific elements of the axial skeleton. This gene also 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 deliver hormones that control peripheral functions. The expression of this gene is associated with an increased frequency of acute myeloid leukemia. [provided by RefSeq, Jul 2017]
UniProt Comments for UNCX	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 ().

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