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UNCX Rabbit pAb

Catalog # AP96246

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	A6NJT0
Other Accession	A6NJT0
Reactivity	Rat, Human, Mouse
Predicted	Pig, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53690
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human UNCX
Epitope Specificity	145-150/531
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
SIMILARITY	Belongs to the paired homeobox family. Unc-4 subfamily. Contains 1 homeobox DNA-binding domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	340260
Other Names	UNC4_HUMAN; UNCX; Homeobox protein Uncx4.1; UNCX4.1; UNC4_MOUSE; UNC4_RAT; Paired-type homeodomain transcription factor 1; Phd1; UNC homeobox
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.