

ARGFX Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17681C

Product Information

Application	WB, IF, E
Primary Accession	A6NJG6
Other Accession	NP_001012677.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37665
Calculated MW	35617
Antigen Region	103-132

Additional Information

Gene ID	503582
Other Names	Arginine-fifty homeobox, ARGFX
Target/Specificity	This ARGFX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-132 amino acids from the Central region of human ARGFX.
Dilution	WB~~1:1000 IF~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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	ARGFX Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ARGFX (HGNC:30146)
Function	Transcription factor that acts as activator.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00108}.

Tissue Location

Expressed at low level in testis and undifferentiated embryonic stem cells.

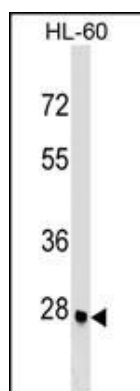
Background

Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the ARGFX homeobox gene family.

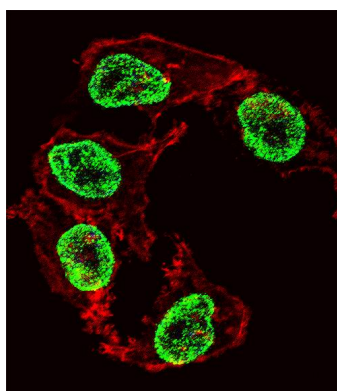
References

Booth, H.A., et al. Gene 387 (1-2), 7-14 (2007) :

Images



ARGFX Antibody (Center) (Cat. #AP17681c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the ARGFX antibody detected the ARGFX protein (arrow).



Fluorescent confocal image of HepG2 cell stained with ARGFX Antibody (Center)(Cat#AP17681c). HepG2 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with ARGFX primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). ARGFX immunoreactivity is localized to Nucleus significantly.

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