

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

ARGFX Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285181	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

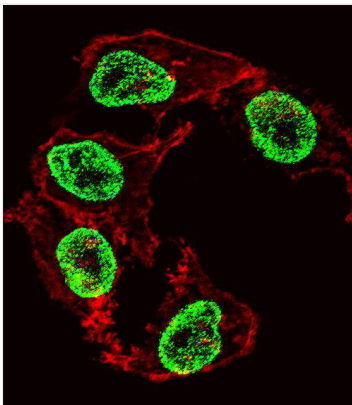
PRODUCT SYNONYMS

ARGFX; Polyclonal Antibody; ARGFX Antibody (Center); Arginine-fifty homeobox; anti-ARGFX antibody

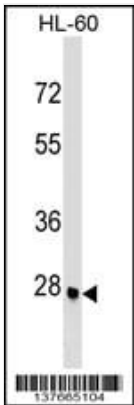
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
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: 0.5 (varies by lot)
Sequence Positions	103-132
Sequence Length	315
Applicable Applications for anti-ARGFX antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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



IF (Immunofluorescence)
Fluorescent confocal image of HepG2 cell stained with ARGFX Antibody (Center). 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 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). ARGFX immunoreactivity is localized to Nucleus significantly.



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

ADDITIONAL INFORMATION

Related Product Information for anti-ARGFX antibody	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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	61969666
NCBI GeneID	503582
NCBI Accession #	NP_001012677.1
NCBI GenBank Nucleotide #	NM_001012659.1
UniProt Accession #	A6NJG6
Molecular Weight	35617
NCBI Official Full Name	arginine-fifty homeobox
NCBI Official Synonym Full Names	arginine-fifty homeobox
NCBI Official Symbol	ARGFX
NCBI Protein Information	arginine-fifty homeobox
UniProt Protein Name	Arginine-fifty homeobox
UniProt Gene Name	ARGFX
UniProt Entry Name	ARGFX_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.

