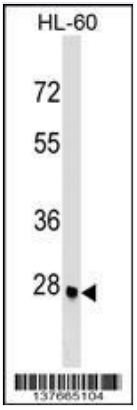
ARGFX Antibody – Rabbit Polyclonal

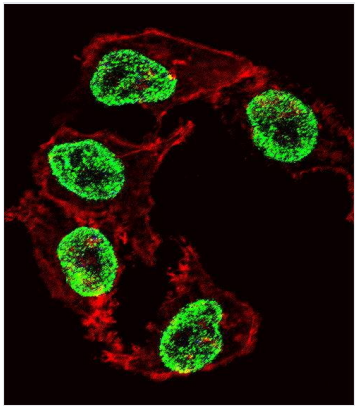
PRODUCT OVERVIEW

Product Name	ARGFX, Polyclonal Antibody
Full Product Name	ARGFX, ID (ARGFX, Arginine-fifty homeobox) (AP)
Product Gene Name	anti-ARGFX antibody
Product Synonym Names	ARGFX; Arginine-fifty homeobox
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	35,617 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (121281269..121309469). Location: 3q13.33
OMIM	611164
3D Structure	ModBase 3D Structure for A6NJG6
Immunogen	ARGFX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-132 amino acids from the Central region of human ARGFX.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-ARGFX antibody	Antibodies; Transcription Factors; Zinc; Ring; Homeobox
Applications Tested/Suitable for anti-ARGFX antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ARGFX antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
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.
Product References and Citations for anti-ARGFX antibody	Booth, H.A., et al. Gene 387 (1-2), 7-14 (2007).
Other Notes	Small volumes of anti-ARGFX 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 ARGFX purchase	MBS6274797 is an antibody targeting ARGFX. Also known as ARGFX, ID (ARGFX, Arginine-fifty homeobox) (AP). Reactive in Human. Host: Rabbit.



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



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

ADDITIONAL DETAILS

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

NCBI GI #	61969666
NCBI GeneID	503582
NCBI Accession #	NP_001012677.1
UniProt Primary Accession #	A6NJG6
UniProt Related Accession #	A6NJG6
GenBank Nucleotide #	NM_001012659.1
NCBI Official Full Name	arginine-fifty homeobox
NCBI Official Synonym Full Names	arginine-fifty homeobox
NCBI Official Symbol	ARGFX
UniProt Protein Name	Arginine-fifty homeobox
Protein Family	Arginine-fifty homeobox
UniProt Gene Name	ARGFX
UniProt Entry Name	ARGFX_HUMAN
NCBI Protein Information	arginine-fifty homeobox

UniProt Comments for ARGFX	ARGFX: Putative transcription factor. Belongs to the paired homeobox family. Protein type: DNA-binding; Transcription factor Chromosomal Location of Human Ortholog: 3q13.33 Cellular Component: nucleus Molecular Function: sequence-specific DNA binding Biological Process: regulation of transcription, DNA-dependent; transcription, DNA-dependent
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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