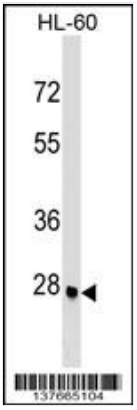
ARGFX Antibody – Rabbit Polyclonal

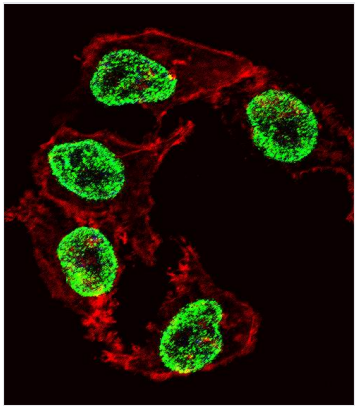
PRODUCT OVERVIEW

Product Name	ARGFX, Polyclonal Antibody
Full Product Name	ARGFX Antibody (Center)
Product Gene Name	anti-ARGFX antibody
Product Synonym Names	Arginine-fifty homeobox; ARGFX
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
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.
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.
Antibody/Peptide Pairs	ARGFX peptide (MBS9222783) is used for blocking the activity of ARGFX antibody (MBS9204058)
Molecular Weight	35617
Immunogen Sequence Positions	103-132
OMIM	611164
3D Structure	ModBase 3D Structure for A6NJG6
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Applications Tested/Suitable for anti-ARGFX antibody	Western Blot (WB), ELISA (EIA), Immunofluorescence (IF)
Application Notes for anti-ARGFX antibody	WB~~1:1000
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	MBS9204058 is an antibody targeting ARGFX. Also known as ARGFX Antibody (Center). 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). 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.

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
NCBI Summary for ARGFX	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. [provided by RefSeq, Jul 2008]

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: transcription, DNA-dependent; regulation of 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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/argfx/9204058