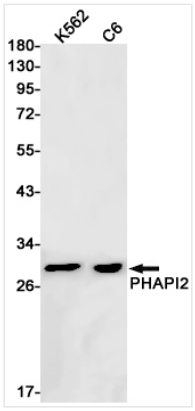
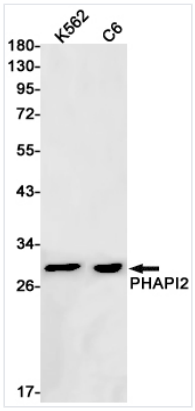
PHAPI2 Antibody – Rabbit Monoclonal

PRODUCT OVERVIEW

Product Name	PHAPI2, Monoclonal Antibody
Full Product Name	PHAPI2 Rabbit mAb
Product Gene Name	anti-PHAPI2 antibody
Clonality	Monoclonal
Host	Rabbit
Species Reactivity	Human, Rat
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	28,788 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (100745489..100778225). Location: 9q22.32
3D Structure	ModBase 3D Structure for Q92688
Product Categories/Family for anti-PHAPI2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PHAPI2 antibody	Western Blot (WB), Immunohistochemistry-Frozen (IHC-F), Immunohistochemistry-Paraffin (IHC-P), Immunocytochemistry (ICC), Immunofluorescence (IF)
Related Product Information for anti-PHAPI2 antibody	MBS8603242 is an antibody targeting PHAPI2. Also known as PHAPI2 Rabbit mAb. Reactive in Human, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-PHAPI2 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.



Western Blot (WB) of anti-PHAPI2 antibody
Western blot analysis of PHAPI2 in K562, C6 lysates using PHAPI2 antibody.



Immunohistochemistry (IHC) of anti-PHAPI2 antibody
Immunohistochemistry analysis of paraffin-embedded Human colon cancer tissue using PHAPI2/APRIL antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PHAPI2. It may not necessarily be applicable to this product.

NCBI GI #	5454088
NCBI GeneID	10541
NCBI Accession #	NP_006392.1
UniProt Primary Accession #	Q92688
UniProt Secondary Accession #	O00655; P78458; P78459; B2R9C7
UniProt Related Accession #	Q92688
GenBank Nucleotide #	NM_006401.2
NCBI Official Full Name	acidic leucine-rich nuclear phosphoprotein 32 family member B
NCBI Official Synonym Full Names	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B
NCBI Official Symbol	ANP32B
NCBI Official Synonym Symbols	APRIL; SSP29; PHAPI2
UniProt Protein Name	Acidic leucine-rich nuclear phosphoprotein 32 family member B
UniProt Synonym Protein Names	Acidic protein rich in leucines; Putative HLA-DR-associated protein I-2; PHAPI2; Silver-stainable protein SSP29
UniProt Gene Name	ANP32B
UniProt Synonym Gene Names	APRIL; PHAPI2; PHAPI2
UniProt Entry Name	AN32B_HUMAN
NCBI Protein Information	acidic leucine-rich nuclear phosphoprotein 32 family member B; silver-stainable protein SSP29; acidic protein rich in leucines; putative HLA-DR-associated protein I-2
UniProt Comments for PHAPI2	ANP32B: Multifunctional protein working as a cell cycle progression factor as well as a cell survival factor. Required for the progression from the G1 to the S phase. Anti-apoptotic protein which functions as a caspase-3 inhibitor. Has no phosphatase 2A (PP2A) inhibitor activity. Exhibits histone chaperone properties, stimulating core histones to assemble into a nucleosome. Belongs to the ANP32 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Chaperone Chromosomal Location of Human Ortholog: 9q22.32 Cellular Component: cytoplasm; nucleolus; nucleus Molecular Function: histone binding Biological Process: positive regulation of protein export from nucleus; caspase activation; nucleosome assembly; negative regulation of cell differentiation; vasculature development; ventricular system development; palate development; inner ear development
Research Articles on PHAPI2	**1.** this is the first demonstration that ANP32B expression was down-regulated during differentiation induction of leukemic cells by all-trans retinoic acid.
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/monoclonal-human-rat-antibody/phapi2/8603242