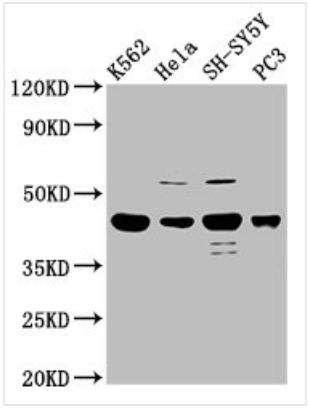
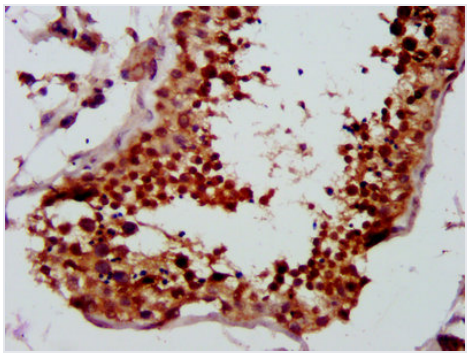
LYAR Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

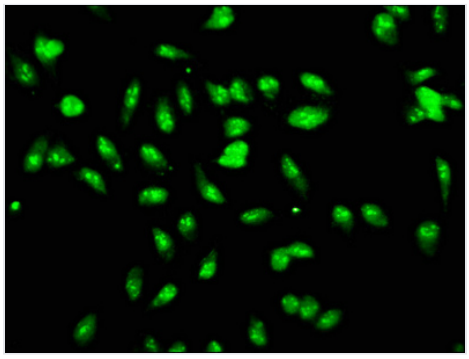
Product Name	LYAR, Polyclonal Antibody
Full Product Name	LYAR Antibody
Product Gene Name	anti-LYAR antibody
Product Synonym Names	Cell growth-regulating nucleolar protein; LYAR; PNAS-5
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: LYAR (MBS7002835) Biotin Conjugated Antibody: LYAR (MBS7000255)
Matching Pairs	Unconjugated Antibody: LYAR (MBS7002835) FITC Conjugated Antibody: LYAR (MBS7005080)
Matching Pairs	Unconjugated Antibody: LYAR (MBS7002835) HRP Conjugated Antibody: LYAR (MBS7006546)
Molecular Weight	43,615 Da
3D Structure	ModBase 3D Structure for Q9NX58
Immunogen	Recombinant human Cell growth-regulating nucleolar protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160503
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LYAR antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Related Product Information for anti-LYAR antibody	MBS7002835 is an antibody targeting LYAR. Also known as LYAR Antibody. Reactive in Human. Host: Rabbit. nucleolus, nucleus, poly(A) RNA binding
Other Notes	Small volumes of anti-LYAR 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-LYAR antibody
Western BlotPositive WB detected in: K562 whole cell lysate, Hela whole cell lysate, SH-SY5Y whole cell lysate, PC3 whole cell lysateAll lanes: LYAR antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 44 KDaObserved band size: 44 KDa



Immunohistochemistry (IHC) of anti-LYAR antibody
IHC image of MBS7002835 diluted at 1:500 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry (IHC) of anti-LYAR antibody
Immunofluorescence staining of Hela cells with MBS7002835 at 1:166,counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C.The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG (H+L).

ADDITIONAL DETAILS

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

NCBI GI #	224591430
NCBI GeneID	55646
NCBI Accession #	NP_001139197.1
UniProt Primary Accession #	Q9NX58
UniProt Secondary Accession #	Q6FI78; Q9NYS1; D3DVS4
UniProt Related Accession #	Q9NX58
GenBank Nucleotide #	NM_001145725.1
NCBI Official Full Name	cell growth-regulating nucleolar protein
NCBI Official Synonym Full Names	Ly1 antibody reactive
NCBI Official Symbol	LYAR
NCBI Official Synonym Symbols	ZLYAR; ZC2HC2
UniProt Protein Name	Cell growth-regulating nucleolar protein
Protein Family	Cell growth-regulating nucleolar protein

UniProt Gene Name	LYAR
UniProt Entry Name	LYAR_HUMAN
NCBI Protein Information	cell growth-regulating nucleolar protein
UniProt Comments for LYAR	LYAR: Protein type: Unknown function; Nucleolus Chromosomal Location of Human Ortholog: 4p16.3 Cellular Component: nucleolus; nucleus Molecular Function: metal ion binding; protein binding
Research Articles on LYAR	**1.** Results show that LYAR protein expression is testis-predominant but can also be found in cancer cells originated from tissues other than testis. Lyar seems to promote proliferation of NIH-3T3 cells.
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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