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

LYAR Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA295177	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

LYAR; Polyclonal Antibody; LYAR Polyclonal Antibody; PNAS-5; Cell growth-regulating nucleolar protein; anti-LYAR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-LYAR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

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ADDITIONAL INFORMATION

Related Product Information for anti-LYAR antibody	Plays a role in the maintenance of the appropriate processing of 47S/45S pre-rRNA to 32S/30S pre-rRNAs and their subsequent processing to produce 18S and 28S rRNAs (PubMed:24495227). Also acts at the level of transcription regulation. Along with PRMT5, binds the gamma-globin (HBG1/HBG2) promoter and represses its expression (PubMed:25092918). In neuroblastoma cells, may also repress the expression of oxidative stress genes, including CHAC1, HMOX1, SLC7A11, ulBP1 and SNORD41 that encodes a small nucleolar RNA (PubMed:28686580). Preferentially binds to a DNA motif containing 5'-GGTTAT-3' (PubMed:25092918). Stimulates phagocytosis of photoreceptor outer segments by retinal pigment epithelial cells (By similarity). Prevents nucleolin/NCL self-cleavage, maintaining a normal steady- state level of NCL protein in undifferentiated embryonic stem cells (ESCs), which in turn is essential for ESC self-renewal (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	224591430
NCBI GeneID	55646
NCBI Accession #	NP_001139197.1
NCBI GenBank Nucleotide #	NM_001145725.1
UniProt Accession #	Q9NX58; Q6FI78; Q9NYS1; D3DVS4

Molecular Weight	43,615 Da
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
NCBI Protein Information	cell growth-regulating nucleolar protein; Ly1 antibody reactive homolog
UniProt Protein Name	Cell growth-regulating nucleolar protein
UniProt Gene Name	**LYAR**
UniProt Entry Name	LYAR_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/lyar-antibody-immunohistochemistry-western-blot-elisa/295177