



LYAR rabbit pAb

Cat No.:ES2733

For research use only

Overview

Product Name	LYAR rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human LYAR. AA range:241-290
Specificity	LYAR Polyclonal Antibody detects endogenous levels of LYAR protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cell growth-regulating nucleolar protein
Gene Name	LYAR
Cellular localization	Nucleus . Nucleus, nucleolus . Cytoplasm . Cell projection, cilium, photoreceptor outer segment . Component of pre-ribosomal particles, including pre-40S, pre-60S and pre-90S (PubMed:24495227). Associated with cytoplasmic ribosomes, but not polysomes, as a component of the 60S subunit (PubMed:24990247). In the retina, predominantly expressed in photoreceptor outer segments (By similarity). In the nucleolus, colocalizes with nucleolin/NCL, therefore may reside in the dense fibrillar component (DFC) (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml





Observed band

44kD

Human Gene ID

55646

Human Swiss-Prot Number

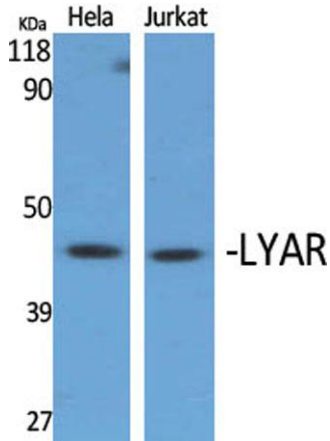
Q9NX58

Alternative Names

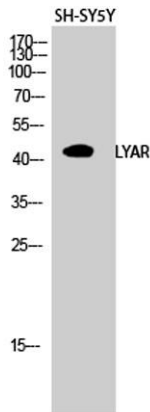
LYAR; PNAS-5; Cell growth-regulating nucleolar protein

Background

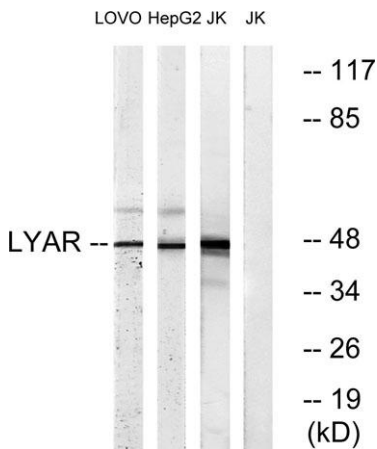
similarity:Contains 2 C2HC-type zinc fingers.,



Western Blot analysis of various cells using LYAR Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western Blot analysis of SH-SY5Y cells using LYAR Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

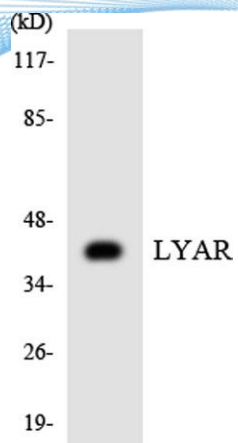


Western blot analysis of lysates from Jurkat, HepG2, and LOVO cells, using LYAR Antibody. The lane on the right is blocked with the synthesized peptide.





ELK Biotechnology



Western blot analysis of the lysates from K562 cells using LYAR antibody.



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