

## Anti-LYAR Rabbit pAb



WL03014

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-LYAR Rabbit pAb		
<b>Source</b>	Rabbit		
<b>Species reactivity</b>	Human, Mouse, Rat		
<b>Tested applications</b>	WB	1:1000-1:2000	
<b>Pack size</b>	50/100/200/500/1000μl		
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>		
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide		

## General Information

**Background**

LYAR is a 379 amino acid nucleolar protein containing two C2HC type zinc fingers. Expressed at high levels in immature spermatocytes, early embryos and in fetal liver and thymus with low expression in kidney and spleen, LYAR may function as a novel nucleolar oncoprotein to regulate cell growth. C23 is a eukaryotic nucleolar phosphoprotein that influences synthesis and maturation of ribosomes. It is suggested that LYAR participates in regulating the stability of C23 which is critical for maintaining the self-renewal and differentiation of embryonic stem cells (ESCs). LYAR forms a complex with C23, thereby preventing self-cleavage and maintaining steady levels of C23 in undifferentiated ESCs.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with recombinant protein of LYAR.

**Purification**

Polyclonal antibody was purified by Protein A affinity chromatography.

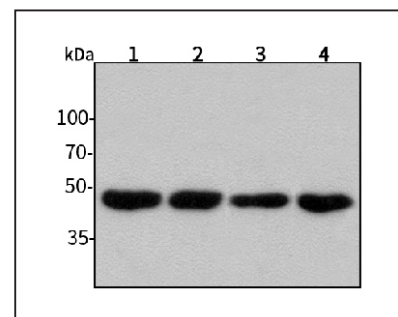
## Anti-LYAR Rabbit pAb



WL03014

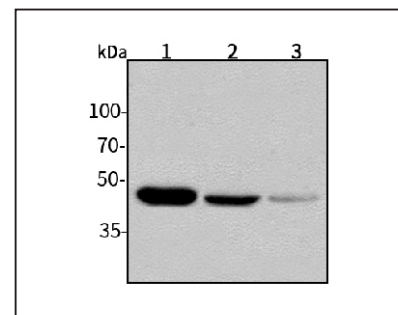
For Research Use Only. Not For Use In Diagnostic Procedures

## Product Images



Western blot-Anti--LYAR pAb

Lane 1: Human HepG2 cell lysate  
 Lane 2: Human Hela cell lysate  
 Lane 3: Human BGC-823 cell lysate  
 Lane 4: Human MGC-803 cell lysate  
 All lanes: Anti--LYAR at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 44 kDa  
 Observed band size: 44 kDa



Western blot-Anti--LYAR pAb

Lane 1: Mouse heart tissue lysate  
 Lane 2: Mouse brain tissue lysate  
 Lane 3: Rat stomach tissue lysate  
 All lanes: Anti--LYAR at 1:1000 dilution  
 Lysates/proteins at 20-50 μg per lane.  
 Predicted band size: 44 kDa  
 Observed band size: 44 kDa