

## Product Datasheet

### Anti-LYAR Rabbit pAb



WL03014

For Research Use Only. Not For Use In Diagnostic Procedures

#### Product Information

Product name	Anti-LYAR Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
Storage buffer	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.

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#### Product Images

