

## RLIM Rabbit pAb

CatalogNo: YN6328

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 69kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human RLIM

**Specificity** This antibody detects endogenous levels of RLIM at Human, Mouse

### Target Information

**Gene name** RLIM RNF12

<b>Protein Name</b>	E3 ubiquitin-protein ligase RLIM (LIM domain-interacting RING finger protein) (RING finger LIM domain-binding protein) (R-LIM) (RING finger protein 12) (Renal carcinoma antigen NY-REN-43)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">51132</a> ;	<a href="#">Q9NVW2</a> ;
	Mouse	<a href="#">19820</a> ;	<a href="#">Q9WTV7</a> ;
<b>Cellular Localization</b>	Nucleus .		
<b>Tissue specificity</b>	Expressed in many tissues.		
<b>Function</b>	E3 ubiquitin-protein ligase. Acts as a negative coregulator for LIM homeodomain transcription factors by mediating the ubiquitination and subsequent degradation of LIM cofactors LDB1 and LDB2 and by mediating the recruitment the SIN3a/histone deacetylase corepressor complex. Ubiquitination and degradation of LIM cofactors LDB1 and LDB2 allows DNA-bound LIM homeodomain transcription factors to interact with other protein partners such as RLIM. Plays a role in telomere length-mediated growth suppression by mediating the ubiquitination and degradation of TERF1. By targeting ZFP42 for degradation, acts as an activator of random inactivation of X chromosome in the embryo, a stochastic process in which one X chromosome is inactivated to minimize sex-related dosage differences of X-encoded genes in somatic cells of female placental mammals.		

## | Validation Data

## | Contact information

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