

## 兔抗 RRP8 多克隆抗体

中文名称: 兔抗 RRP8 多克隆抗体

英文名称: Anti-RRP8 rabbit polyclonal antibody

别名: ribosomal RNA processing 8; NML; KIAA0409

相关类别: 一抗

储存: 冷冻 (-20℃)

宿主: Rabbit

抗原: RRP8

反应种属: Human, Mouse, Rat

标记物: Unconjugate

克隆类型: rabbit polyclonal

### 技术规格

#### Background:

Essential component of the eNoSC (energy-dependent nucleolar silencing) complex, a complex that mediates silencing of rDNA in response to intracellular energy status and acts by recruiting histone-modifying enzymes. The eNoSC complex is able to sense the energy status of cell: upon glucose starvation, elevation of NAD<sup>+</sup>/NADP<sup>+</sup> ratio activates SIRT1, leading to histone H3 deacetylation followed by dimethylation of H3 at 'Lys-9' (H3K9me2) by SUV39H1 and the formation of silent chromatin in the rDNA locus. In the complex, RRP8 binds to H3K9me2 and probably acts as a methyltransferase. Its substrates are however unknown.

<b>Applications:</b>	ELISA, WB, IHC
<b>Name of antibody:</b>	RRP8
<b>Immunogen:</b>	Fusion protein of human RRP8
<b>Full name:</b>	ribosomal RNA processing 8
<b>Synonyms:</b>	NML; KIAA0409
<b>SwissProt:</b>	O43159
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human esophagus cancer and Human breast cancer
<b>IHC Recommend dilution:</b>	50-300
<b>WB Predicted band size:</b>	51 kDa
<b>WB Positive control:</b>	Human cerebella tissue, K562 cell lysates
<b>WB Recommended dilution:</b>	500-2000



