

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 ⁺ /NADP ⁺ 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.
Applications:	ELISA, WB, IHC
Name of antibody:	RRP8

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



