

Anti-RRP8 antibody

Cat. No.	ml264224
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-RRP8 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human RRP8
Reactivity	Human, Mouse, Rat
Content	1.02 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	RRP8
Full name	ribosomal RNA processing 8
Synonyms	NML; KIAA0409
Swissprot	O43159

Target 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.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 51 kDa

Positive control: Human bladder transitional cell carcinoma grade 2-3 tissue lysate

Recommended dilution: 1000-5000

Gel: 8%SDS-PAGE

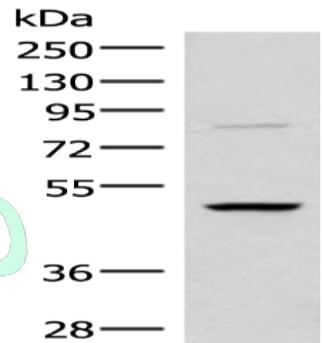
Lysate: 40 μ g

Lane: Human bladder transitional cell carcinoma grade 2-3 tissue lysate

Primary antibody: ml264224(RRP8 Antibody) at dilution 1/800

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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