

Anti-RRP8 antibody

Cat. No.	ml125896
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, IHC
Immunogen	Fusion protein of human RRP8
Reactivity	Human, Mouse, Rat
Content	1.26 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

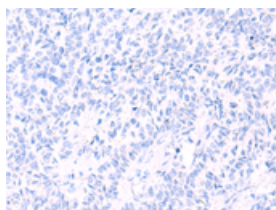
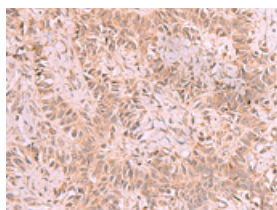
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 50-300

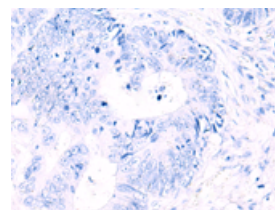
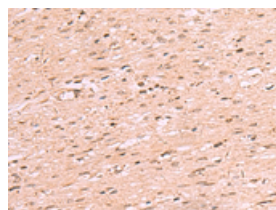


The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml125896(RRP8 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml125896(RRP8 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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