

产品名称: TIP49A (9Z11) Rabbit Monoclonal Antibody
产品货号: AMRe18959



产品概述 (Summary)

产品名称 (Production Name)	TIP49A (9Z11) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RUVBL1
别名 (Alternative Names)	ECP54; Pontin 52; PONTIN; RuvB like 1; RUVBL1; RVB1; TAP54 alpha; TIP49; TIP49a;
基因 ID (Gene ID)	8607.0
蛋白 ID (SwissProt ID)	Q9Y265.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000
蛋白分子量 (Molecular Weight)	50kDa

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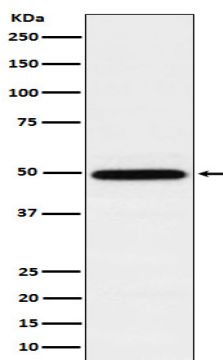
研究背景 (Background)

Possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') activity. Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. Possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') activity; hexamerization is thought to be critical for ATP hydrolysis and adjacent subunits in the ring-like structure contribute to the ATPase activity (PubMed: [17157868](http://www.uniprot.org/citations/17157868)). Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A (PubMed: [14966270](http://www.uniprot.org/citations/14966270)). This modification may both alter nucleosome-DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription (PubMed: [14966270](http://www.uniprot.org/citations/14966270)). This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair (PubMed: [14966270](http://www.uniprot.org/citations/14966270)). The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage (PubMed: [14966270](http://www.uniprot.org/citations/14966270)). Component of a SWR1-like complex that specifically mediates the removal of histone H2A.Z/H2AZ1 from the nucleosome (PubMed: [24463511](http://www.uniprot.org/citations/24463511)). Proposed core component of the chromatin remodeling INO80 complex which exhibits DNA- and nucleosome-activated ATPase activity and catalyzes ATP-dependent nucleosome sliding (PubMed: [16230350](http://www.uniprot.org/citations/16230350), PubMed: [21303910](http://www.uniprot.org/citations/21303910)). Plays an essential role in oncogenic transformation by MYC and also modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex (PubMed: [10882073](http://www.uniprot.org/citations/10882073), PubMed: [16014379](http://www.uniprot.org/citations/16014379)). Essential for cell proliferation (PubMed: [14506706](http://www.uniprot.org/citations/14506706)). May be able to bind plasminogen at cell surface and enhance plasminogen activation (PubMed: [11027681](http://www.uniprot.org/citations/11027681)).

研究领域 (Research Area)

图片 (Image Data)

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Western blot analysis of TIP49A expression in K562 cell lysate.

注意事项 (Note)

For research use only .