

产品名称: ORC1 Rabbit Polyclonal Antibody
产品货号: APRab15495



产品概述 (Summary)

产品名称 (Production Name)	ORC1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ORC1
别名 (Alternative Names)	ORC1; ORC1L; PARC1; Origin recognition complex subunit 1; Replication control protein 1
基因 ID (Gene ID)	4998.0
蛋白 ID (SwissProt ID)	Q13415.The antiserum was produced against synthesized peptide derived from human ORC1L. AA range:331-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	100,120kDa

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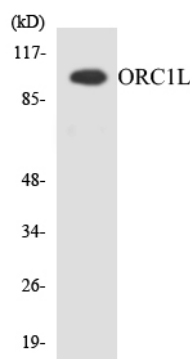
研究背景 (Background)

The origin recognition complex (ORC) is a highly conserved six subunits protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is the largest subunit of the ORC complex. While other ORC subunits are stable throughout the cell cycle, the levels of this protein vary during the cell cycle, which has been shown to be controlled by ubiquitin-mediated proteolysis after initiation of DNA replication. This protein is found to be selectively phosphorylated during mitosis. It is also reported to interact with MYST histone acetyltransferase 2 (MyST2/HBO1), a protein involved in control of transcription silencing. Alternatively spliced transcrfunction:Component of the origin recognition complex (ORC) that binds origins of replication. It has a role in both chromosomal replication and mating type transcriptional silencing. Binds to the ARS consensus sequence (ACS) of origins of replication in an ATP-dependent manner.,similarity:Belongs to the ORC1 family.,similarity:Contains 1 BAH domain.,subunit:ORC is composed of six subunits. Interacts with CDC6 and MYST2/HBO1.,

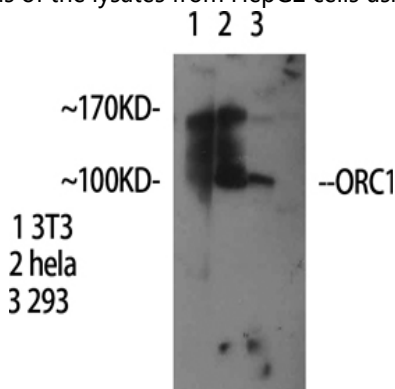
研究领域 (Research Area)

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;

图片 (Image Data)

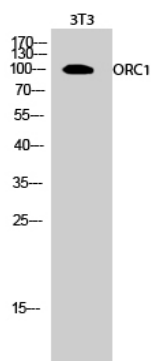


Western blot analysis of the lysates from HepG2 cells using ORC1L antibody.



Western Blot analysis of various cells using ORC1 Polyclonal Antibody

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Western Blot analysis of 3T3 cells using ORC1 Polyclonal Antibody

注意事项 (Note)

For research use only .