
Product Name: ORC5 Rabbit Polyclonal Antibody**Catalog #: APRab15499**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	47kDa

Antigen Information

Gene Name	ORC5 ORC5L
Alternative Names	
Gene ID	5001.0
SwissProt ID	O43913
Immunogen	Synthesized peptide derived from part region of human protein

Background

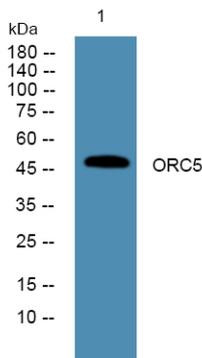
The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a

subunit of the ORC complex. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Oct 2010],function: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 ORC5 family.,subunit:ORC is composed of six subunits.,

Research Area

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;

Image Data



Western blot analysis of lysates from Jarkat cells, ORC5 Rabbit Polyclonal Antibody was diluted at 1:1000, 4°over night