



ORC3 Polyclonal Antibody

Catalog No	YP-Ab-06695
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ORC3 LATHEO ORC3L
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ORC3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LATHEO;ORC3;Origin recognition complex subunit 3;Origin recognition complex subunit Latheo;ORC3 LATHEO ORC3L;Origin recognition complex subunit 3 (Origin recognition complex subunit Latheo)
Observed Band	66 kDa, 82 kDa
Calculated Molecular Weight	66 kDa, 82 kDa
Cell Pathway	Nucleus . Chromosome .
Tissue Specificity	Brain,Liver,Testis,Uterus,
Function	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.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the ORC3 family., subunit:ORC is composed of six subunits.,
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 a subunit of the ORC complex. Studies of a similar gene in Drosophila suggested a possible role of this protein in neuronal proliferation and olfactory memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images