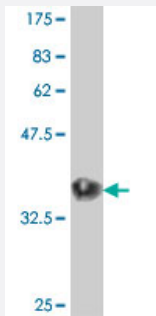


# ORC1L polyclonal antibody (A01)

Catalog # H00004998-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (38.1 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant ORC1L.
<b>Immunogen</b>	ORC1L (AAH11539, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	MAHYPTRLKTRKTYSWVGRPLDRKLHYQTYREMCVKTEGCSTEIHIQIGQFVLEGGDDDENPYVA KLELFEDDSDPPPKRARVQWFVRFCEVPACKRHLLGRKPGAQ
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (64); Rat (68)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.1 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — ORC1L

Entrez GeneID [4998](#)

GeneBank Accession# [BC011539](#)

Protein Accession# [AAH11539](#)

Gene Name ORC1L

Gene Alias HSORC1, ORC1, PARC1

Gene Description origin recognition complex, subunit 1-like (yeast)

Omim ID [601902](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** OTTHUMP00000009797|OTTHUMP00000009798|origin recognition complex 1|origin recognition complex, subunit 1|origin recognition complex, subunit 1, S. cerevisiae, homolog-like|replication control protein 1

## Pathway

- [Cell cycle](#)