

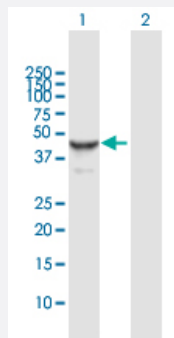
MaxPab®

# ORC4L MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005000-D01

Size 100 uL

## Applications

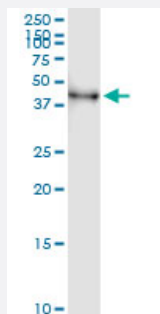


### Western Blot (Transfected lysate)

Western Blot analysis of ORC4L expression in transfected 293T cell line ([H00005000-T02](#)) by ORC4L MaxPab polyclonal antibody.

Lane 1: ORC4L transfected lysate(50.4 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of ORC4L transfected lysate using anti-ORC4L MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ORC4L purified MaxPab mouse polyclonal antibody (B01P) ([H00005000-B01P](#)).

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human ORC4L protein.

### Immunogen

ORC4L (NP\_002543.2, 1 a.a. ~ 436 a.a) full-length human protein.

### Sequence

MSSRKSKSNSLIHTECLSQVQRILRERFCRQSPHSNLFQVQVQYKHLSELLKRTALHGESNSVLIIG  
PRGSGKTM LINHALKELMEIEEVSENVLQVHLNGLLQINDKIALKEITRQLNLENNVVGDKVFGSFAE  
NLSFLLLEALKKGDR TSSCPVIFILDEFDLFAHHKNQTLLYNLFDISQSAQTPIAVIGLTCRLDILELLEK  
RVKSRFSHRQIHLMNSFGFPQYVKIFKEQLSLPAEFDPKVF AEKWNENVQYLSEDRSVQEV LQK  
HFNISKNL RSLHMLLM LALNRVTASHPFMTAVDLMEASQLCSMDSKANIVHGLSVLEICLIAMKHL  
NDIYEEEPFNFMVYNEFQKFVQRKAHSVYNFEKPVVMKAFEHLQQLELIKPMERTSGNSQREYQ  
LMKLLLDNTQIMNALQKYPNCPTDVRQWATSSLSWL

Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — ORC4L

Entrez GeneID	<a href="#">5000</a>
GeneBank Accession#	<a href="#">NM_002552.2</a>
Protein Accession#	<a href="#">NP_002543.2</a>
Gene Name	ORC4L
Gene Alias	ORC4, ORC4P
Gene Description	origin recognition complex, subunit 4-like (yeast)
Omim ID	<a href="#">603056</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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. It has been shown to form a core complex with ORC2L, -3L, and -5L. Three alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]

**Other Designations**

origin recognition complex subunit 4

**Pathway**

- [Cell cycle](#)

**Disease**

- [Genetic Predisposition to Disease](#)