

Product datasheet for **TA302715**

ORC4L (ORC4) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1-3 µg/ml.
Reactivity:	Human, Mouse (Expected from sequence similarity: Rat, Dog, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-DVRQWATSSLSWL, from the C Terminus of the protein sequence according to NP_002543.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	origin recognition complex subunit 4
Database Link:	NP_002543 Entrez Gene 26428 MouseEntrez Gene 295596 RatEntrez Gene 476141 DogEntrez Gene 5000 Human O43929



[View online »](#)

Background:

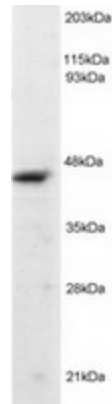
The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation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

Synonyms:

ORC4L; ORC4P

Protein Pathways:

Cell cycle

Product images:

TA302715 (2ug/ml) staining of Jurkat lysate (RIPA buffer, 1.4E5 cells per lane). Detected by western blot using chemiluminescence.