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Datasheet for ABIN2855901  
**anti-ORC6 antibody (C-Term)**

2 Images

Overview

Quantity:	100 µL
Target:	ORC6
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human ORC6. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to ORC6L (origin recognition complex, subunit 6 like (yeast)) ORC6L antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ORC6
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## Target Details

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Alternative Name: origin recognition complex subunit 6 ([ORC6 Products](#))

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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 that this protein and ORC1L are loosely associated with the core complex consisting of ORC2L, -3L, -4L and -5L. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis.

Cellular Localization: Nucleus

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Molecular Weight: 28 kDa

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Gene ID: 23594

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UniProt: [Q9Y5N6](#)

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Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [M Phase](#), [Synthesis of DNA](#)

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## Application Details

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Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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Comment: Positive Control: Molt-4

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

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Preservative: Thimerosal (Merthiolate)

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Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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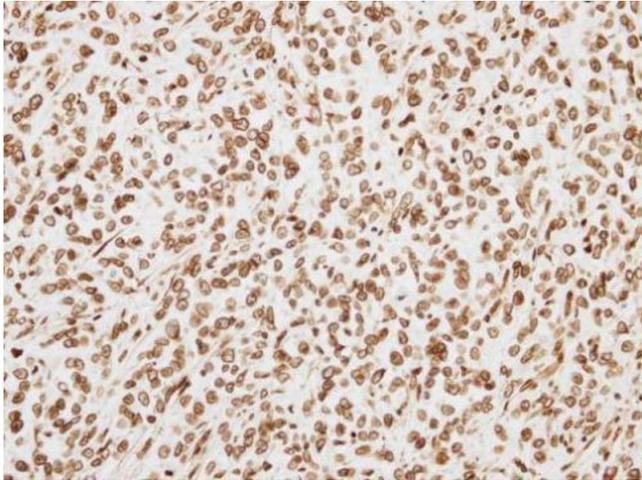
Storage: 4 °C, -20 °C

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## Handling

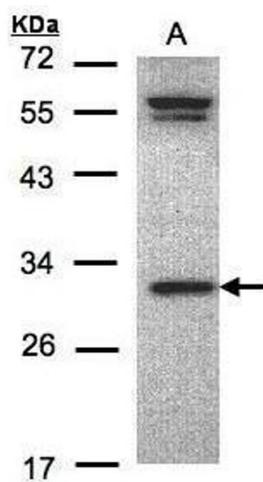
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## Images



### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded TOV-21G xenograft, using ORC6L, antibody at 1:500 dilution.



### Western Blotting

**Image 2.** WB Image Sample(30 ug whole cell lysate)  
A:MOLT4 , 12% SDS PAGE antibody diluted at 1:1000