Datasheet for ABIN7010632

# anti-ORC6 antibody

## 1 Image

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 60 µL |
| Target: | ORC6 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ORC6 antibody is un-conjugated |
| Application: | Immunofluorescence (IF) |

## Product Details

| | |
|---|---|
| Immunogen: | Recombinant fusion protein of human ORC6 (NP_055136.1). |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

## Target Details

| | |
|---|---|
| Target: | ORC6 |
| Alternative Name: | ORC6 (ORC6 Products) |
| 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 |

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## Target Details

| | |
|---|---|
| | encoded by this gene is a subunit of the ORC complex. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis. |
| Gene ID: | 23594 |
| UniProt: | Q9Y5N6 |
| Pathways: | Mitotic G1-G1/S Phases, DNA Replication, M Phase, Synthesis of DNA |

## Application Details

| | |
|---|---|
| Application Notes: | IF 1:50-1:200 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

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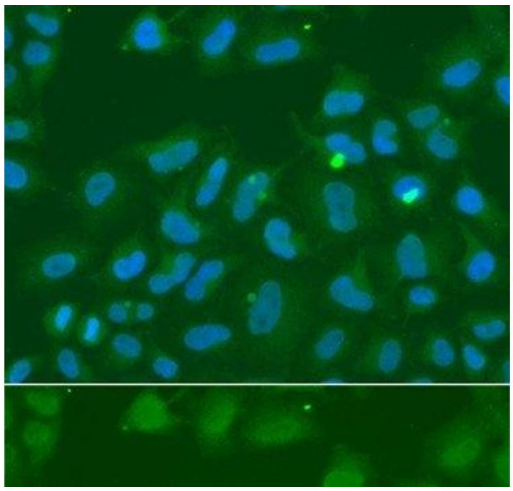

**Immunofluorescence**

**Image 1.** Immunofluorescence analysis of A549 cells using ORC6 Polyclonal Antibody

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