

**Anti-ORC2 Antibody**  
Rabbit polyclonal antibody to ORC2  
Catalog # AP59930

**Specification**

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**Anti-ORC2 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O13416</a>
Other Accession	<a href="#">O60862</a>
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65972

**Anti-ORC2 Antibody - Additional Information**

**Gene ID** 4999

**Other Names**

ORC2L; Origin recognition complex subunit 2

**Target/Specificity**

Recognizes endogenous levels of ORC2 protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-ORC2 Antibody - Protein Information**

**Name** ORC2

**Synonyms** ORC2L

**Function**

Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication. Binds histone H3 and H4 trimethylation marks H3K9me3, H3K20me3 and H4K27me3. Stabilizes LRWD1, by protecting it from ubiquitin-mediated proteasomal degradation. Also stabilizes ORC3.

## Cellular Location

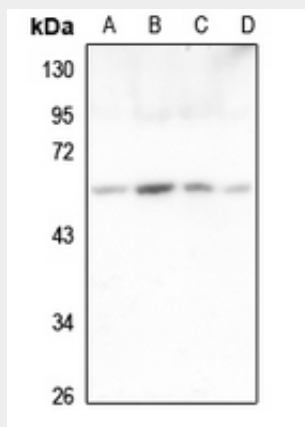
Nucleus.

## Anti-ORC2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-ORC2 Antibody - Images



Western blot analysis of ORC2 expression in HeLa (A), HGC27 (B), U2OS (C), A549 (D) whole cell lysates.

## Anti-ORC2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ORC2. The exact sequence is proprietary.