

Datasheet for ABIN7451914
anti-ORC1 antibody (AA 811-861)



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Overview

Quantity:	100 µg
Target:	ORC1 (ORC1L)
Binding Specificity:	AA 811-861
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-ORC1 Antibody, Affinity Purified
Immunogen:	between AA 811 and 861
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ORC1 (ORC1L)
Alternative Name:	ORC1 (ORC1L Products)
Background:	Background: ORC1 (origin recognition complex, subunit 1) is one of six subunits that make up the origin of recognition complex (ORC). The ORC serves as a scaffold for proteins involved in

Target Details

the initiation of DNA replication. Very recently, ORC1 has been found to perform a function independent of its role in DNA replication. In a screen using siRNAs for human ORC proteins to assess their roles in centrosome biology, it was found that ORC1 plays a key role in controlling centriole and centrosome copy number in human cells. ORC1 is also known as replication control protein 1, ORC1L, HSORC1, and PARC1.

Gene ID: 4998

NCBI Accession: [NP_004144](#)

UniProt: [Q13415](#)

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

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months