

Datasheet for ABIN2798616 **anti-ORC2 antibody (Center)**



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Overview

Quantity:	400 µL
Target:	ORC2
Binding Specificity:	AA 208-237, Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit Anti-Human ORC2L (Center) Antibody
Immunogen:	This ORC2L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 208-237 amino acids from the Central region of human ORC2L.
Isotype:	Ig Fraction

Target Details

Target:	ORC2
Alternative Name:	ORC2L (ORC2 Products)
Background:	Target Description: The origin recognition complex (ORC) is a highly conserved six subunits 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

Target Details

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. This protein forms a core complex with ORC3, -4, and -5. It also interacts with CDC45 and MCM10, which are proteins known to be important for the initiation of DNA replication. This protein has been demonstrated to specifically associate with the origin of replication of Epstein-Barr virus in human cells, and is thought to be required for DNA replication from viral origin of replication. Alternatively spliced transcript variants have been found, one of which is a nonsense-mediated mRNA decay candidate.

Gene Symbol: ORC2

Molecular Weight: 65972 Da

Gene ID: 4999

UniProt: [Q13416](#)

Application Details

Application Notes: Western Blot
Recommended Dilutions
WB: 1:1000ORC2L Antibody (Center) .

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C, -20 °C

Storage Comment: 2-8°C (short-term), -20°C (long-term)