ORC2 Rabbit Polyclonal Antibody

CAB15697

Product Information

Product SKU:	CAB15697	**Gene ID**:	4999	**Size**:	20uL, 100uL
Clone No:	-	**Host Species:**	Rabbit	**Reactivity**:	Human

Additional Information

Observed MW:	80kDa	**Conjugate:**	Unconjugated
Calculated MW:	66kDa	**Isotype:**	IgG

Immunogen Information

Background:	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 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.
Recommended Dilution:	WB,1:500 - 1:2000
Synonyms:	ORC2L; ORC2
Purifcation Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 458-577 of human ORC2 (NP_006181.1).
Storage:	Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Contact Details | Dublin, Ireland
Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com