

Datasheet for ABIN5534578
anti-ORC2 antibody (AA 208-237)



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1 Image

Overview

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

Product Details

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
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ORC2
Alternative Name:	ORC2L (ORC2 Products)
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

Target Details

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.

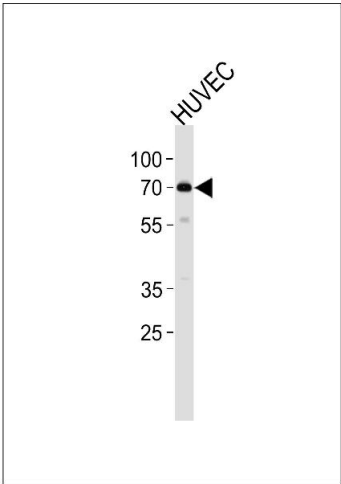
Molecular Weight:	66 kDa
Gene ID:	4999
UniProt:	Q13416

Application Details

Application Notes:	For WB starting dilution is: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) 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,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in HUVEC cell line lysates (35ug/lane).