

# ORC4 Polyclonal Antibody

Catalog Number: E-AB-18803

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

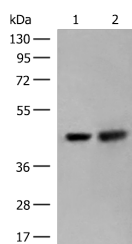
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein of human ORC4
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

## Applications Recommended Dilution

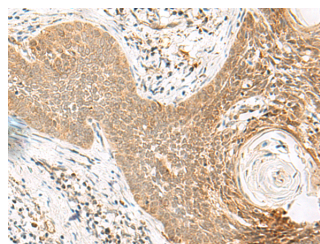
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:300
<b>ELISA</b>	1:5000-1:10000

## Data

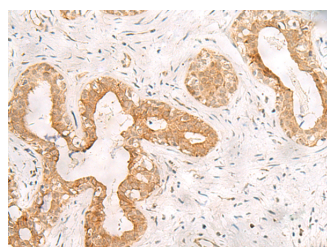


Western blot analysis of HepG2 and Hela cell lysates using ORC4 Polyclonal Antibody at dilution of 1:550

**Observed MW: Refer to figures**  
**Calculated Mw: 50 kDa**



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ORC4 Polyclonal Antibody at dilution of 1:80 (×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ORC4 Polyclonal Antibody at dilution of 1:80 (×200)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the

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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. This gene encodes a subunit of the ORC complex. Several alternatively spliced transcript variants, some of which encode the same protein, have been reported for this gene.

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