

## Anti-ORC4 Polyclonal Antibody

Cat: K109217P

### Summary:

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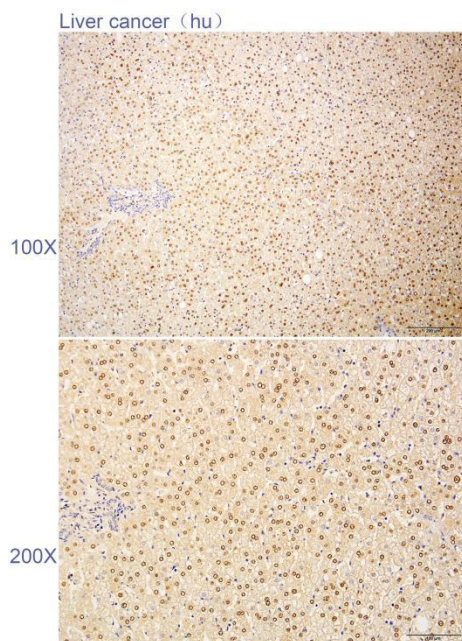
<b>【Product name】</b> : Anti-ORC4 antibody	<b>【Source】</b> : Rabbit
<b>【Isotype】</b> : IgG	<b>【Species reactivity】</b> : Human Mouse Rat
<b>【Swiss Prot】</b> : O43929	<b>【Gene ID】</b> : 5000
<b>【Calculated】</b> : MW:50/42/41kDa	
<b>【Purification】</b> : Affinity purification	
<b>【Tested applications】</b> : IHC	
<b>【Recommended dilution】</b> : IHC 1:50-200.	
<b>【IHC Positive sample】</b> : Human liver cancer	
<b>【Subcellular location】</b> : Nucleus	
<b>【Immunogen】</b> : A synthetic peptide of human ORC4	
<b>【Storage】</b> : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

### Background:

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Component of the origin recognition complex (ORC) that binds origins of replication. DNA-binding is ATP-dependent. The specific DNA sequences that define origins of replication have not been identified yet. ORC is required to assemble the pre-replication complex necessary to initiate DNA replication. Binds histone H3 and H4 trimethylation marks H3K9me3, H3K27me3 and H4K20me3.

## Verified picture



Immunohistochemistry of paraffin-embedded  
Human liver cancer with ORC4 antibody  
diluted at 1:80