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anti-ORC4 antibody

3 Images



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Overview

Quantity:	200 μL
Target:	ORC4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human ORC4
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	ORC4
Alternative Name:	ORC4 (ORC4 Products)
Background:	The origin recognition complex (ORC) is a highly conserved six subunit 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. This gene

Target Details

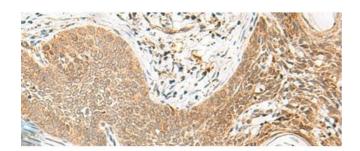
	encodes a subunit of the ORC complex. Several alternatively spliced transcript variants, some of which encode the same protein, have been reported for this gene.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 50 kDa
UniProt:	043929
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

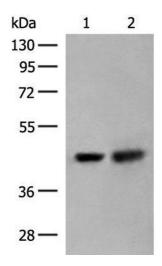
Handling

Format:	Liquid
Concentration:	1.44 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



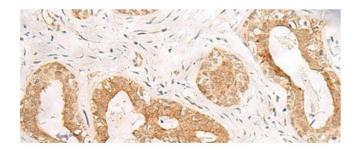
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ORC4 Polyclonal Antibody at dilution of 1:80(x200)



Western Blotting

Image 2. Western blot analysis of HepG2 and Hela cell lysates using ORC4 Polyclonal Antibody at dilution of 1:550



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ORC4 Polyclonal Antibody at dilution of 1:80(x200)