



ORC4 Polyclonal Antibody

Catalog No	YP-Ab-05210
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	ORC4 ORC4L
Immunogen	Synthesized peptide derived from human protein . at AA range: 140-220
Specificity	ORC4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ORC4P;ORC4;ORC4 ORC4L;Origin recognition complex subunit 4
Observed Band	47kD
Calculated Molecular Weight	47kD
Cell Pathway	Nucleus.
Tissue Specificity	Placenta,Uterus,
Function	function:Component of the origin recognition complex (ORC) that binds origins of replication. It has a role in both chromosomal replication and mating type transcriptional silencing. Binds to the ARS consensus sequence (ACS) of origins of replication in an ATP-dependent manner.,similarity:Belongs to the ORC4 family.,subunit:ORC is composed of six subunits. Interacts with DBF4.,
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 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. [provided by RefSeq,



Oct 2010],

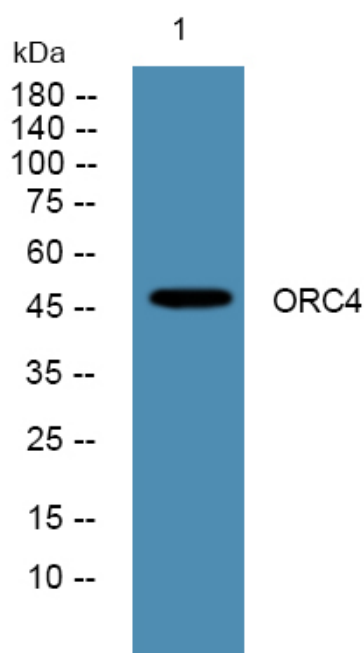
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of lysates from DU145 cells,
primary antibody was diluted at 1:1000, 4°over night