

Datasheet for ABIN5539875  
**anti-ORC4 antibody (C-Term) (Biotin)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	ORC4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ORC4 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

## Product Details

Purpose:	ORC4L, Biotinylated
Sequence:	DVRQWATSSL SWL
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_002543.2, NP_001177810.1, NP_001177811.1). Reported variants represent identical protein: XP_011509557.1, NP_002543.2, NP_001177808.1, NP_859526.1, NP_859525.1 Reported variants represent id
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	ORC4
Alternative Name:	ORC4 ( <a href="#">ORC4 Products</a> )
Background:	ORC4, origin recognition complex subunit 4, ORC4L, ORC4P, origin recognition complex, subunit 4 homolog
Gene ID:	5000, 26428, 295596
NCBI Accession:	<a href="#">NP_002543</a> , <a href="#">NP_001177810</a> , <a href="#">NP_001177811</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	Western Blot: Approx 48 kDa band observed in Jurkat nuclear lysates (calculated MW of 50.4 kDa according to NP_002543.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Comment:	<b>Chromatin immunoprecipitation:</b> reported by a customer to work very well in ChIP.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** Biotinylated ABIN5539875 (0.1µg/ml) staining of Jurkat nuclear lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.