

Datasheet for ABIN2789072  
**anti-ORC3 antibody (N-Term)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	ORC3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Rat, Pig, Rabbit, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	RFETYQLIWQ QMKSENERLQ EELNKNLFDN LIEFLQKSHS GFQKNSRDLG
Predicted Reactivity:	Cow: 93%, Dog: 93%, Human: 100%, Mouse: 79%, Pig: 90%, Rabbit: 93%, Rat: 83%, Yeast: 90%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against ORC3L. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	ORC3
Alternative Name:	ORC3L ( <a href="#">ORC3 Products</a> )
Background:	The origin recognition complex (ORC) is a highly conserved six subunits protein complex

## Target Details

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. The protein encoded by this gene is a subunit of the ORC complex. Studies of a similar gene in Drosophila suggested a possible role of this protein in neuronal proliferation and olfactory memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene.

Alias Symbols: LAT, LATHEO, ORC3, ORC3L

Protein Interaction Partner: ORC5, ORC4, ORC1, MCM7, CDC6, MCM10, ORC6, CCNE2, CDC45, LRWD1, ORC2, APP, SUMO2, XRCC5, UBC, XRCC6, ZBP1, DBF4, ORC3, MCM5, CDK4, TERF2, BRCA1, MCM4,

Protein Size: 712

Molecular Weight: 82 kDa

Gene ID: 23595

NCBI Accession: [NM\\_181837](#), [NP\\_862820](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Feeding Behaviour](#), [Synthesis of DNA](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 712 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images


90 kDa\_\_

65 kDa\_\_

40 kDa\_\_

29 kDa\_\_

22 kDa\_\_



Rabbit Anti-ORC3L Antibody

Catalog Number: ARP62224

Lot Number: QC32949

Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1.