

# Datasheet for ABIN2789071 anti-ORC3 antibody (C-Term)

# 1 Image



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Quantity:	100 μL
Target:	ORC3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Dog, Rat, Pig, Rabbit, Zebrafish (Danio rerio), Saccharomyces cerevisiae, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC3 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Sequence:	VVTAAEKMDA NSATSEEMNE IIHARFIRAV SELELLGFIK PTKQKTDHVA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Yeast: 79%, Zebrafish: 86%
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 (ORC3 Products)

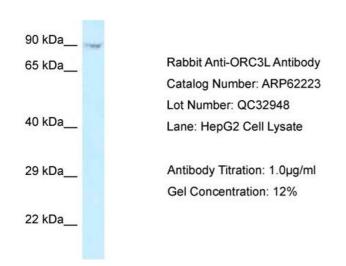
## Target Details

The origin recognition complex (ORC) is a highly conserved six subunits 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. 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  82 kDa  23595  NM_181837, NP_862820  Mitotic G1-G1/S Phases, DNA Replication, Feeding Behaviour, Synthesis of DNA		
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Optimal working dilutions should be determined experimentally by the investigator.		
Antigen size: 712 AA		
For Research Use only		
Liquid		
Lot specific		
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.		
Sodium azide		
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
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### Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.	
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**



#### **Western Blotting**

Image 1.