

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



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1 Image

Overview

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

Background:	<p>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.</p> <p>Alias Symbols: LAT, LATHEO, ORC3, ORC3L</p> <p>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,</p> <p>Protein Size: 712</p>
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

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


90 kDa__

65 kDa__

40 kDa__

29 kDa__

22 kDa__



Rabbit Anti-ORC3L Antibody

Catalog Number: ARP62223

Lot Number: QC32948

Lane: HepG2 Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1.