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## Datasheet for ABIN2789793 anti-ORC5 antibody (C-Term)

Image



#### Overview

Quantity:	100 μL
Target:	ORC5
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Rat, Cow, Pig, Rabbit, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ORC5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	TRKLWRNIEP HLKKAMQTVY LREISSSQWE KLQKDDTDPG QLKGIRGSIE
Predicted Reactivity:	Cow: 100%, Dog: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ORC5. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	ORC5
Alternative Name:	ORC5 (ORC5 Products)
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

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	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. Alternatively spliced transcript variants
	encoding distinct isoforms have been described.
	Alias Symbols: ORC5, ORC5P, ORC5T
	Protein Interaction Partner: NIF3L1, ORC4, ORC2, ORC1, NONO, MCM5, MCM3, MCM2, LAMB2 KRT18, CDC6, CDC5L, DMRTA1, SIPA1L2, UBQLN4, TXNDC11, PPP1CA, ORC3, STAB1,
	ORC5, MCM4,
	Protein Size: 324
Molecular Weight:	37 kDa
Gene ID:	5001
NCBI Accession:	NM_181747, NP_859531
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 324 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.
Storage:	-20 °C

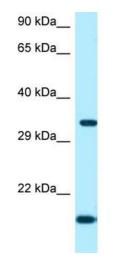
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## Handling

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



Rabbit Anti-ORC5 Antibody Catalog Number: ARP64293 Lot Number: QC34948 Lane: Fetal Heart Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

#### Western Blotting

#### Image 1.

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